

Fig. 1

1 1 IMAGE SENSOR

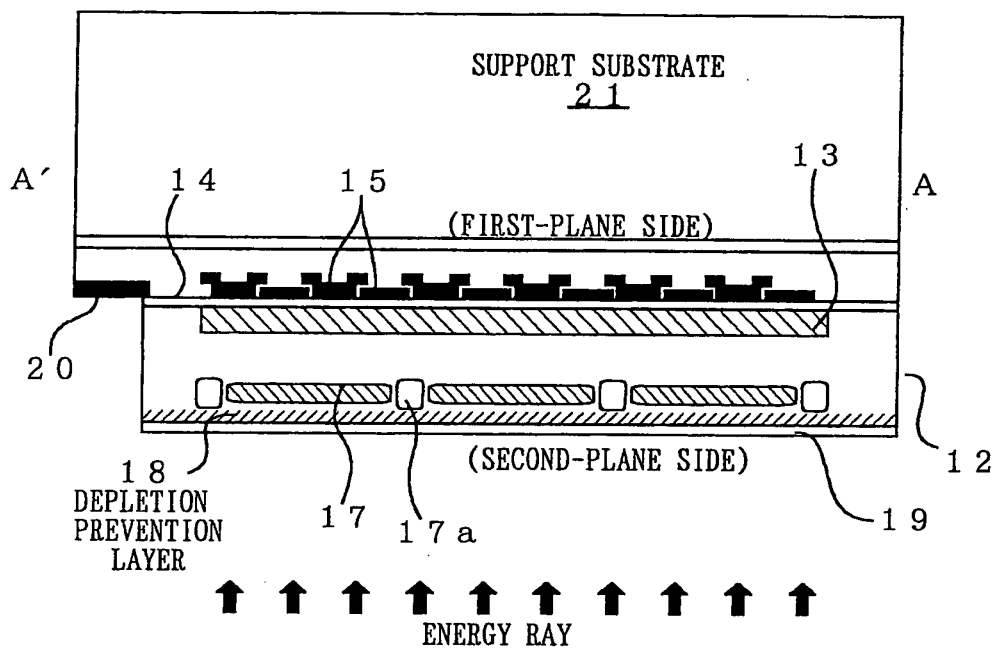


Fig. 2

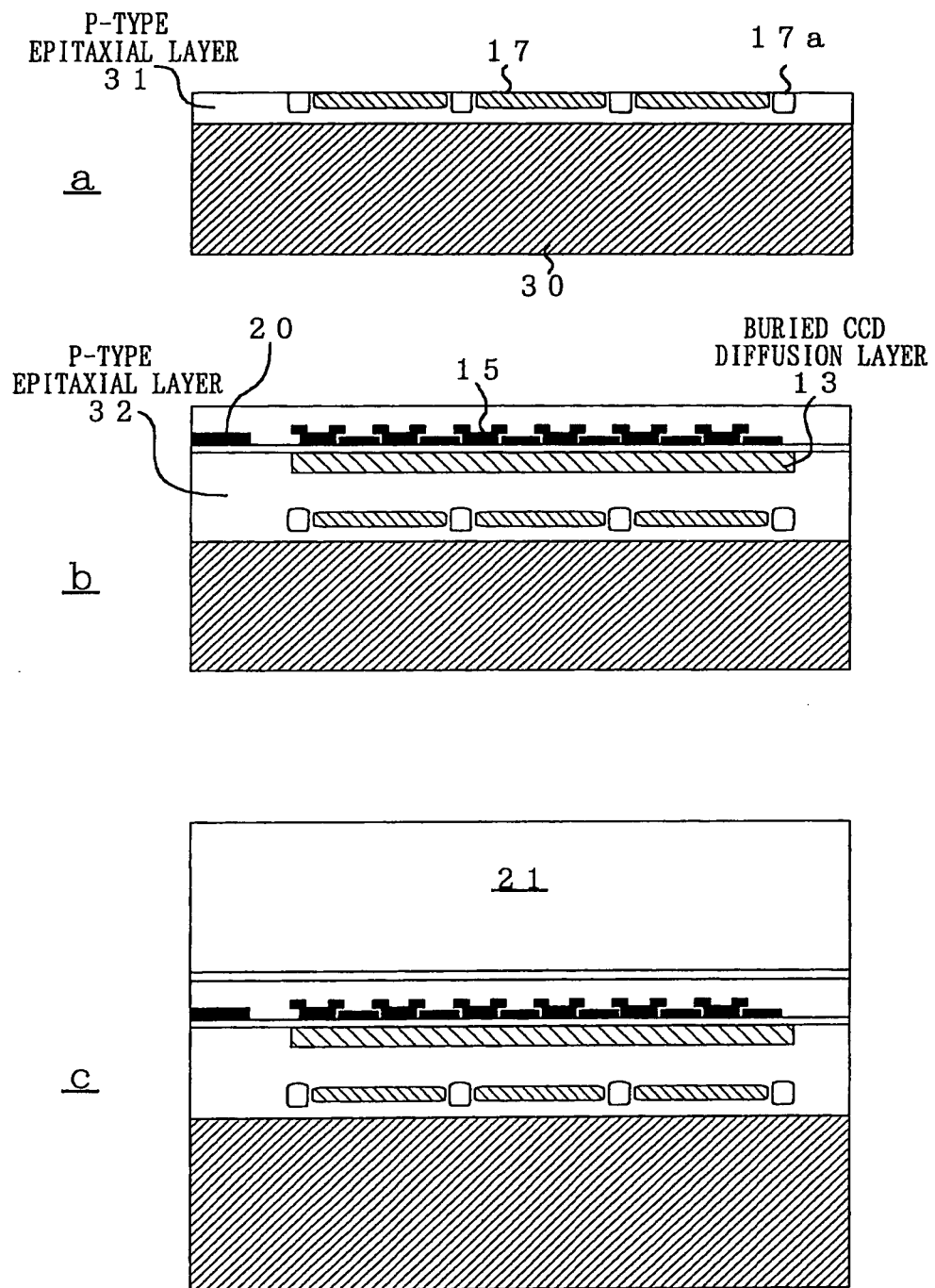
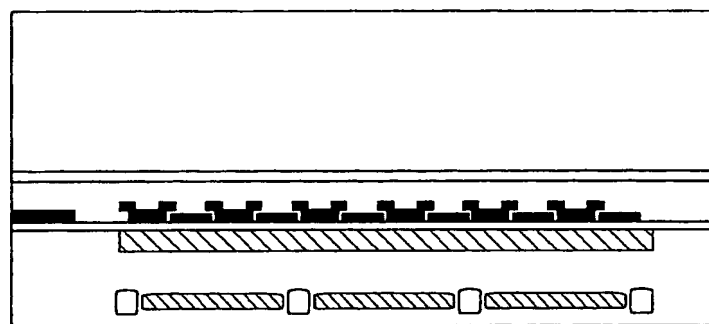


Fig. 3

d



18

DEPLETION PREVENTION LAYER

e

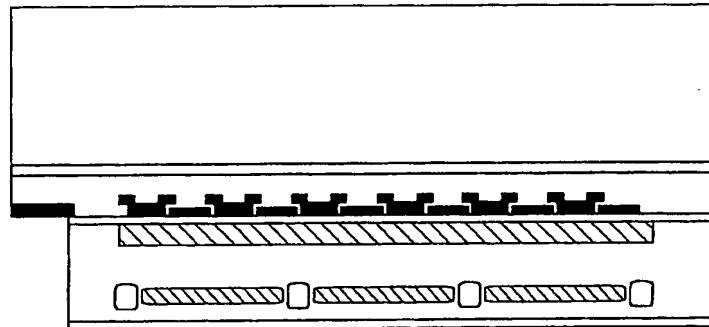


Fig. 4

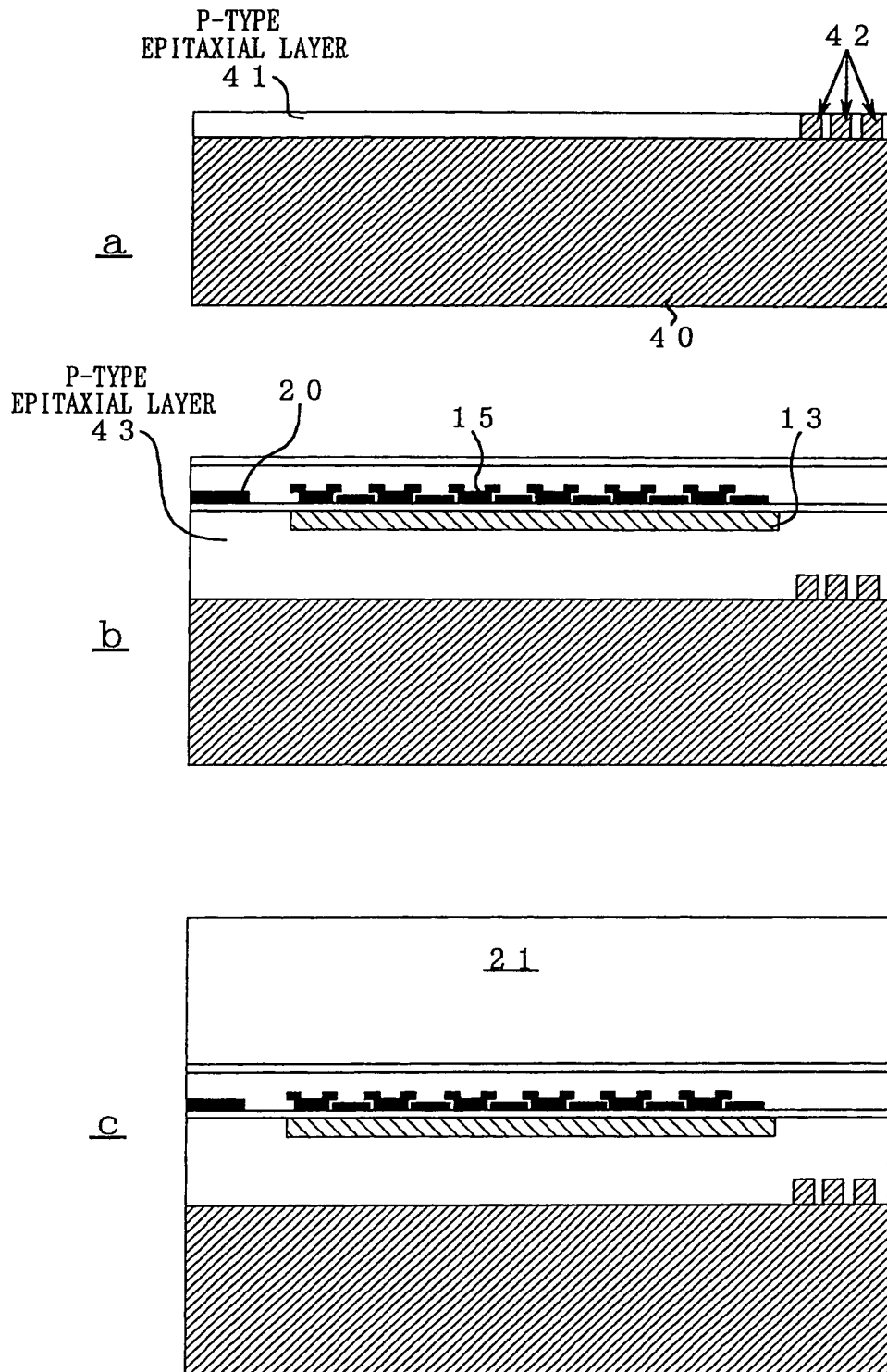


Fig. 5

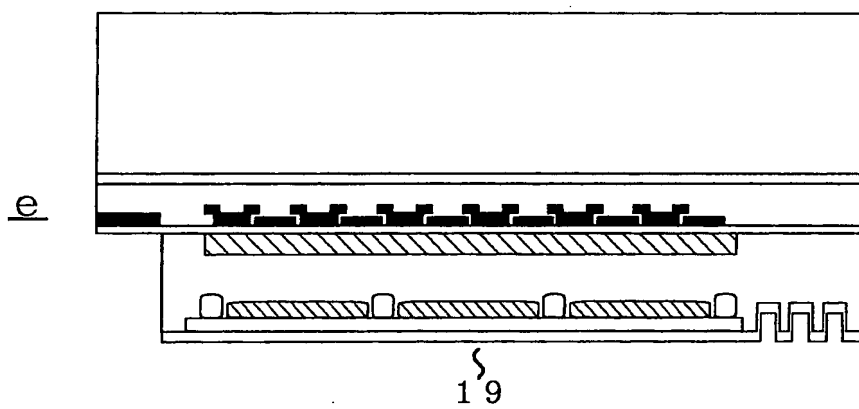
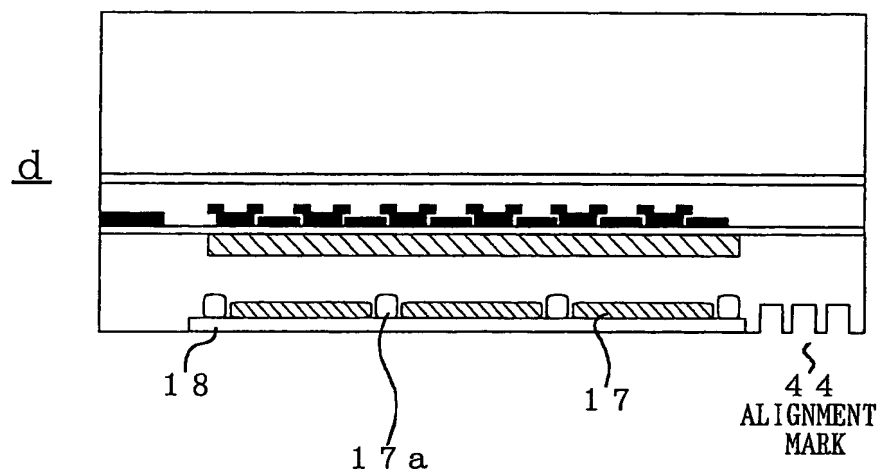


Fig. 6

CHARGE ACCUMULATING OPERATION AND CHARGE TRANSPORTING OPERATION

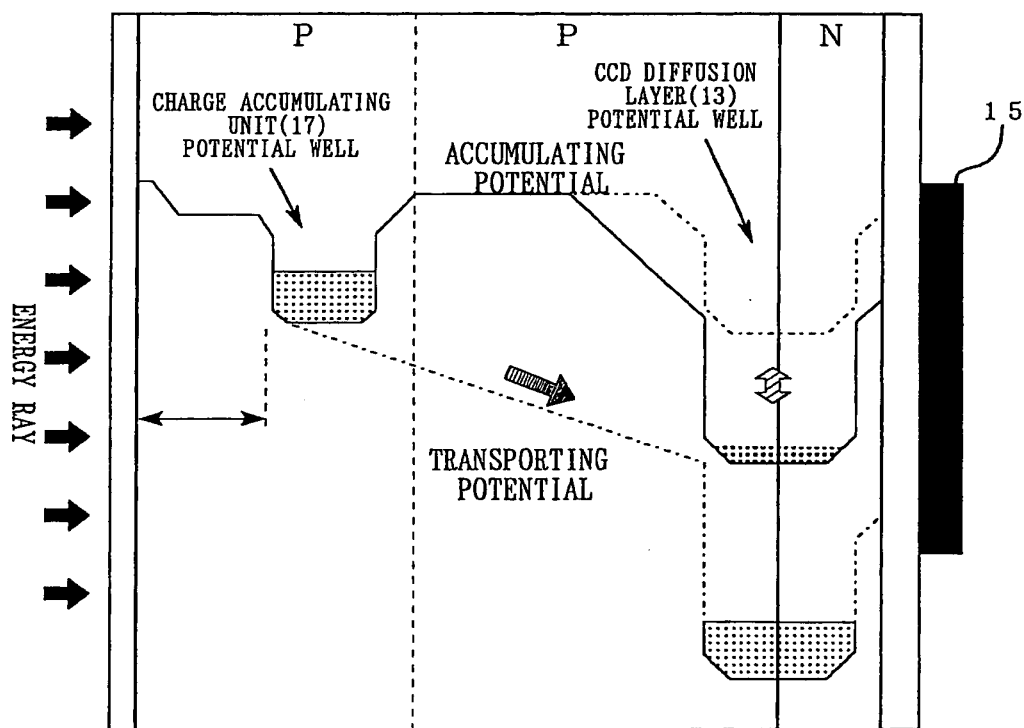


Fig. 7

DARK CURRENT SUPPRESSING
OPERATION ON FIRST-PLANE SIDE

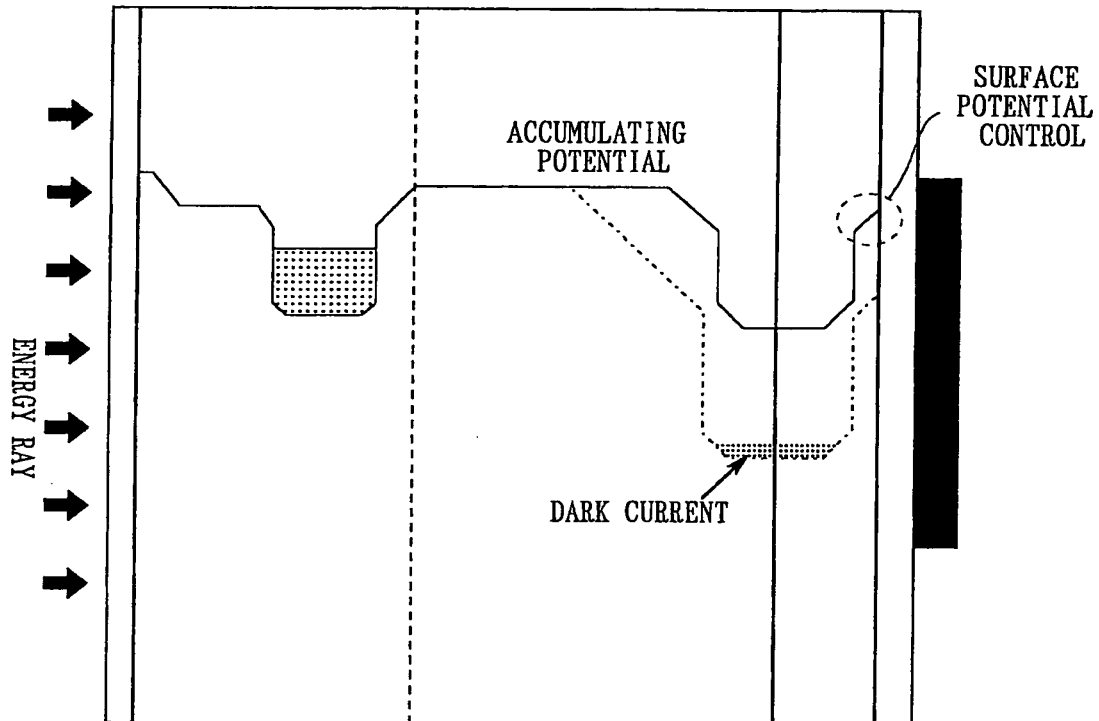


Fig. 8

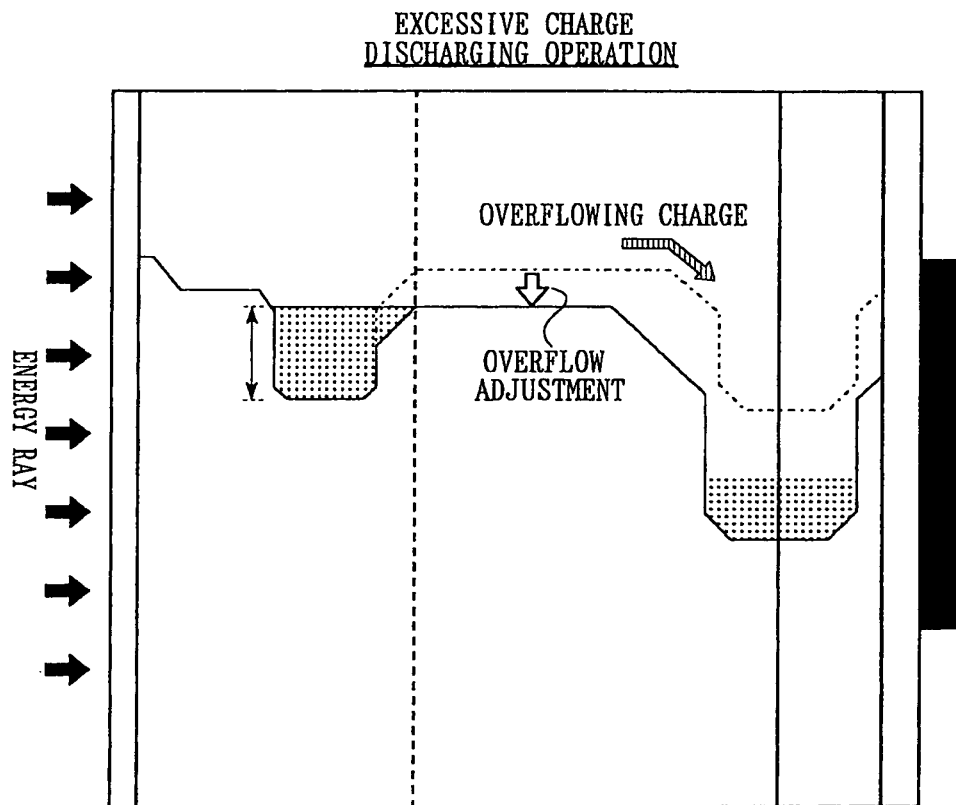


Fig. 9

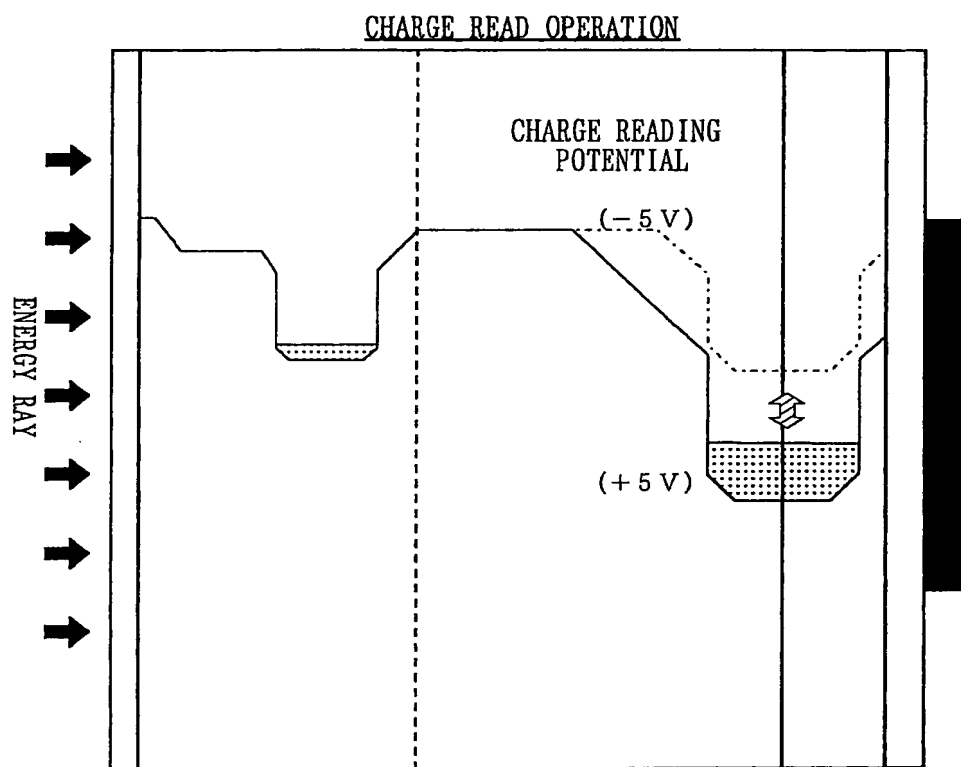


Fig. 10

IMAGE SENSOR
(WELL STRUCTURE TYPE)
51

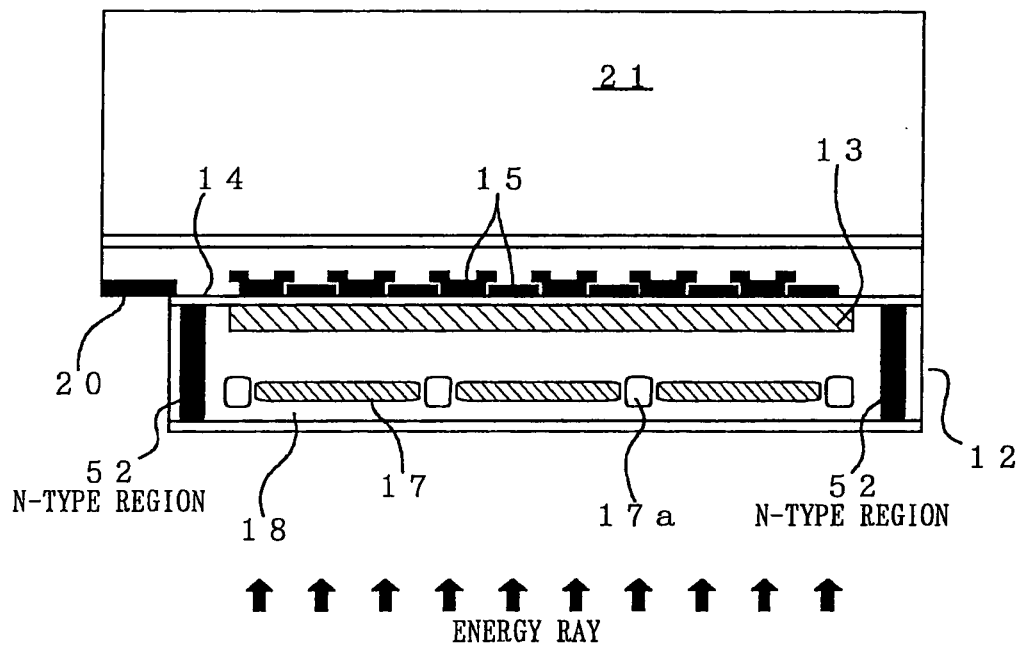


Fig. 11

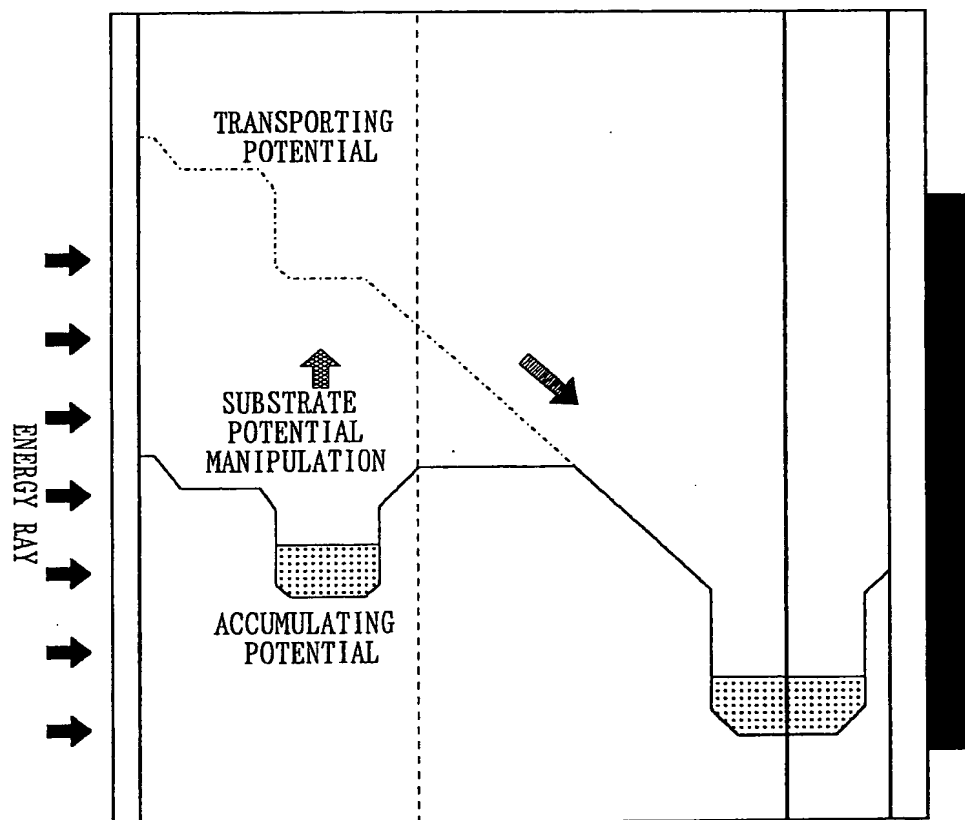


Fig. 12

511 IMAGE SENSOR

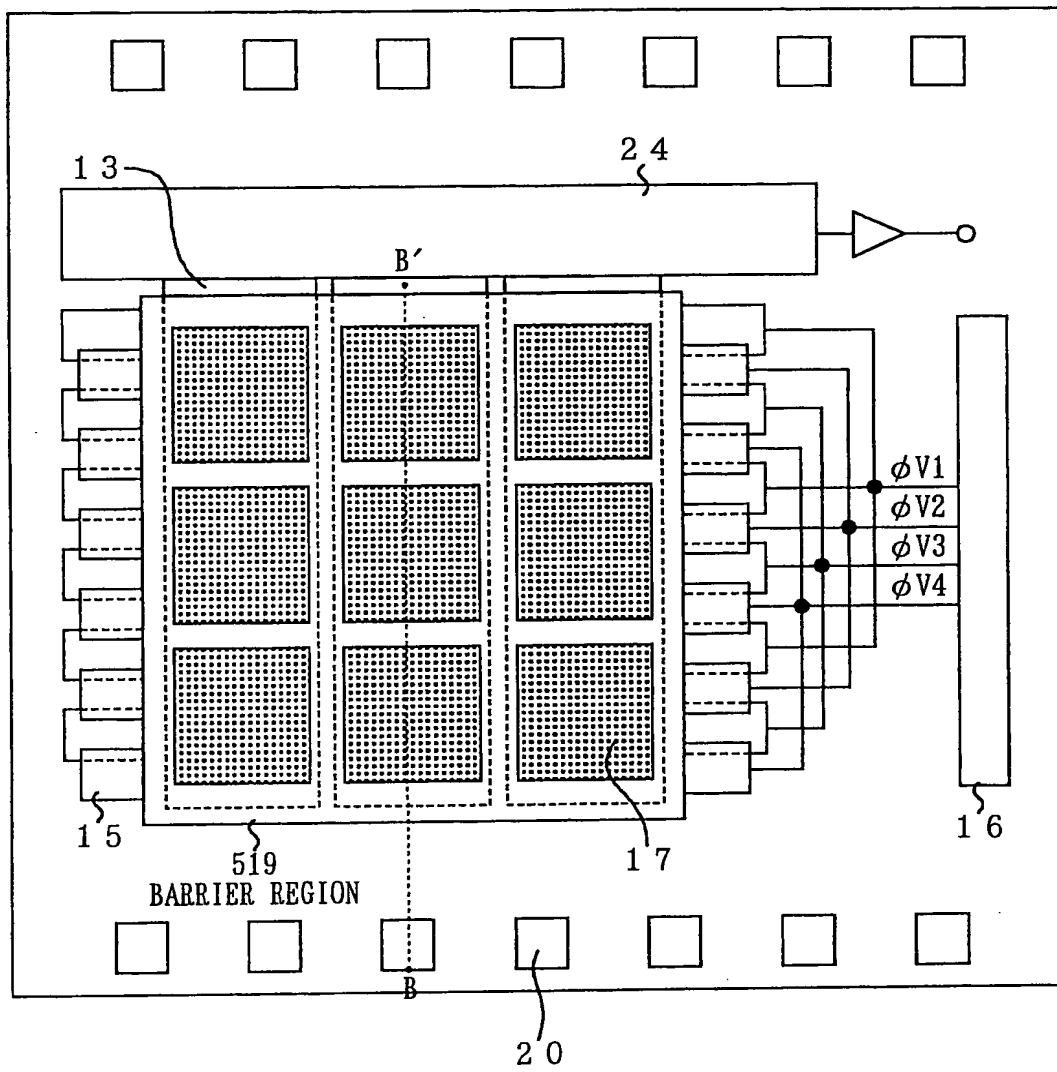


Fig. 13

511 IMAGE SENSOR

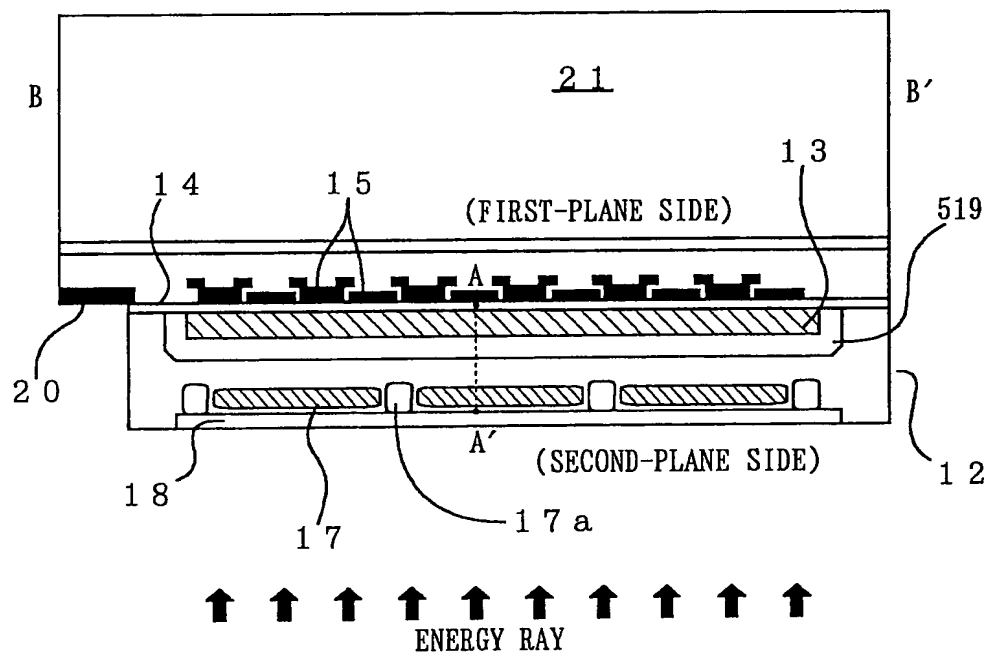


Fig. 14

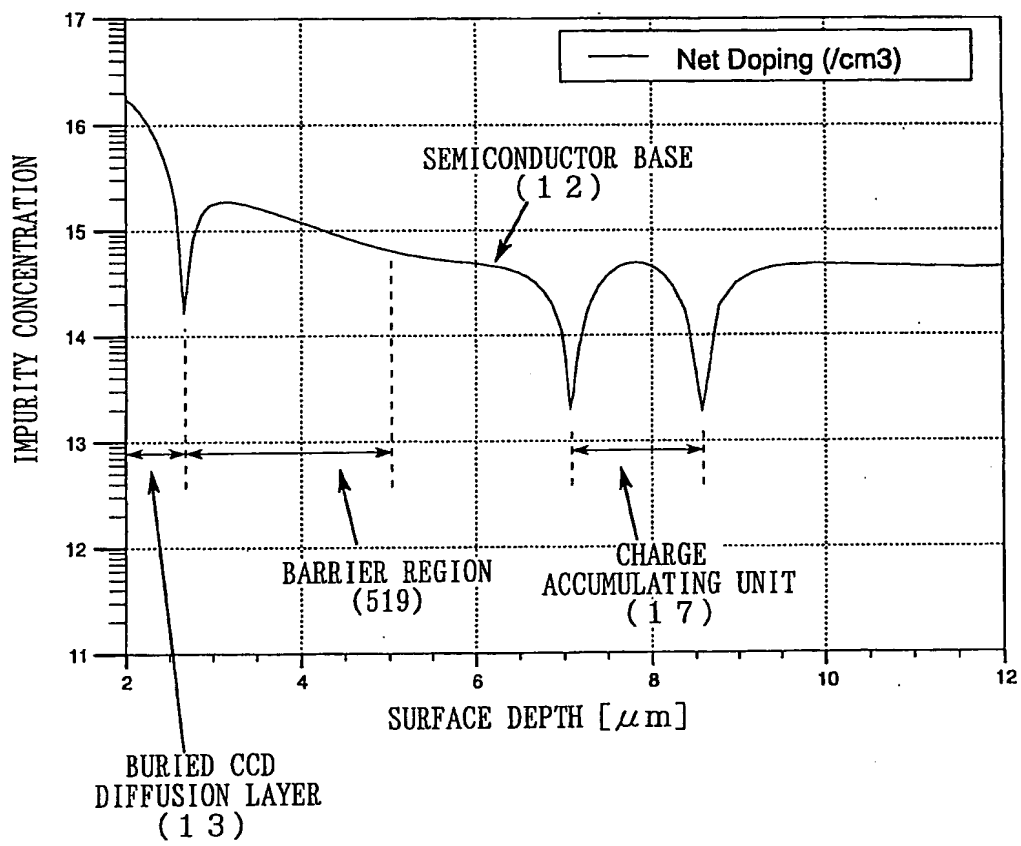


Fig. 15

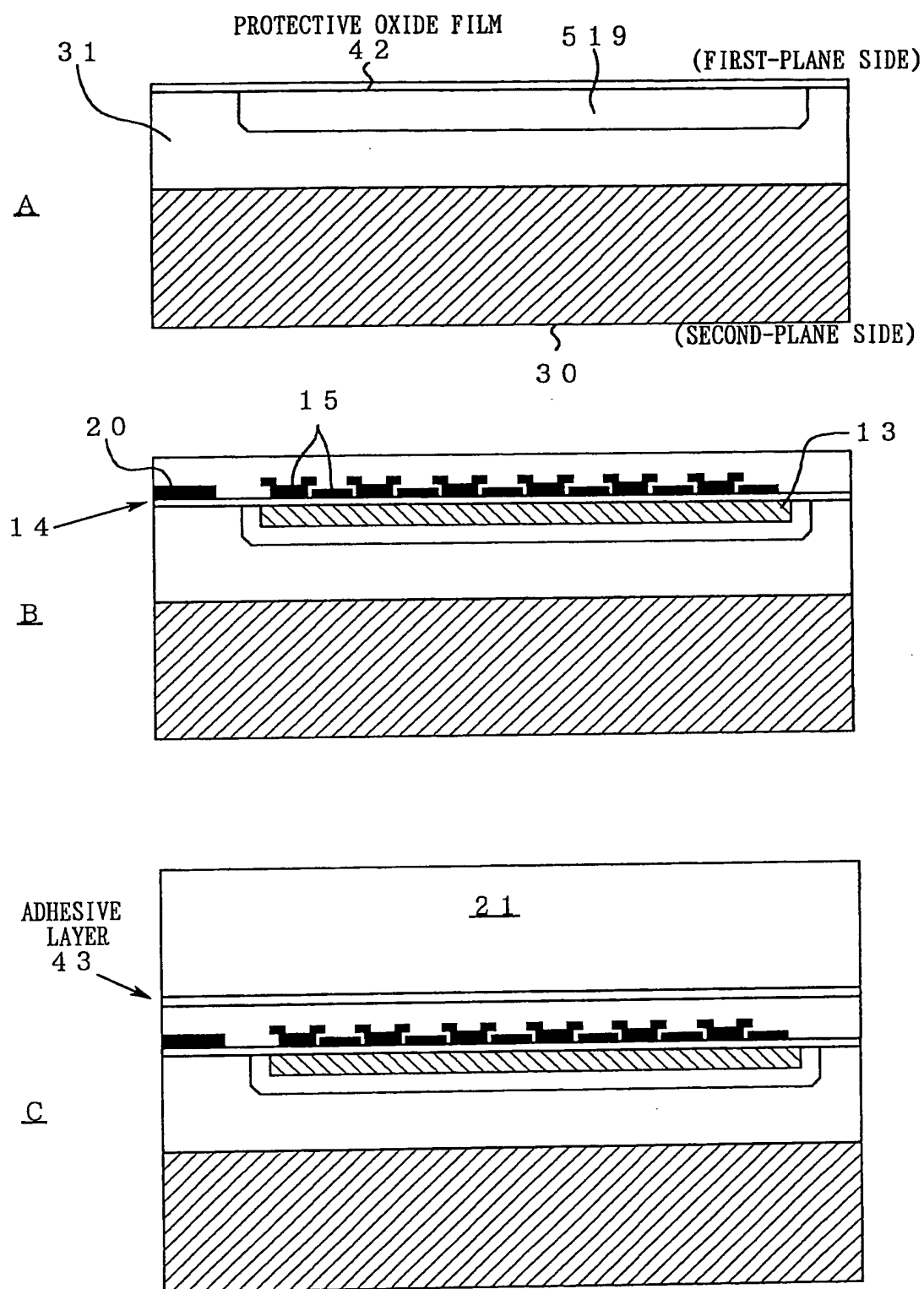


Fig. 16

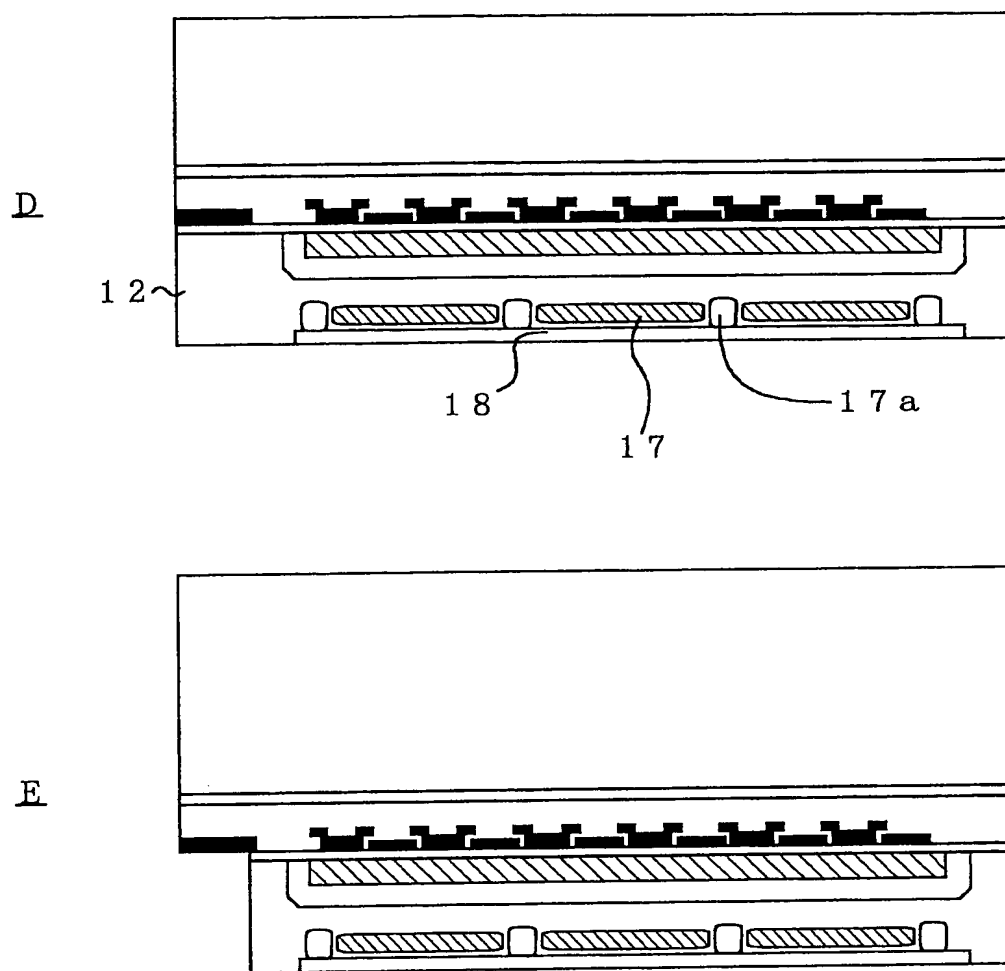


Fig. 17

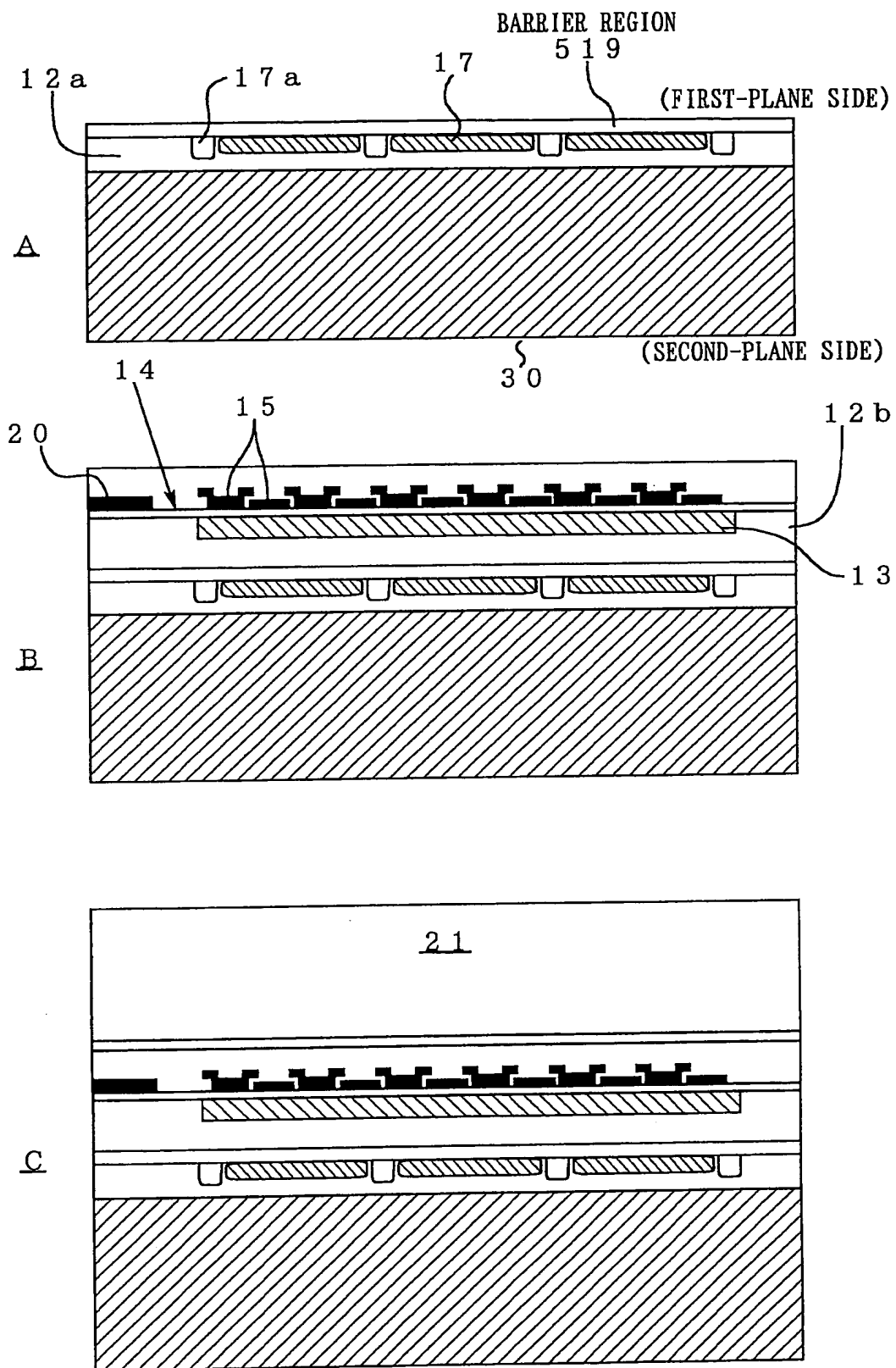
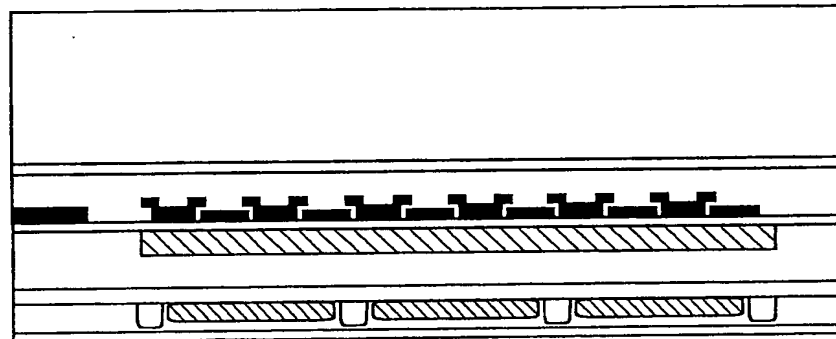


Fig. 18

D



18

E

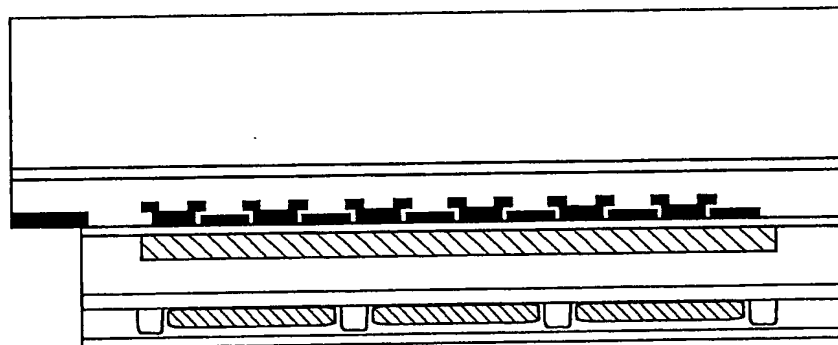


Fig. 19

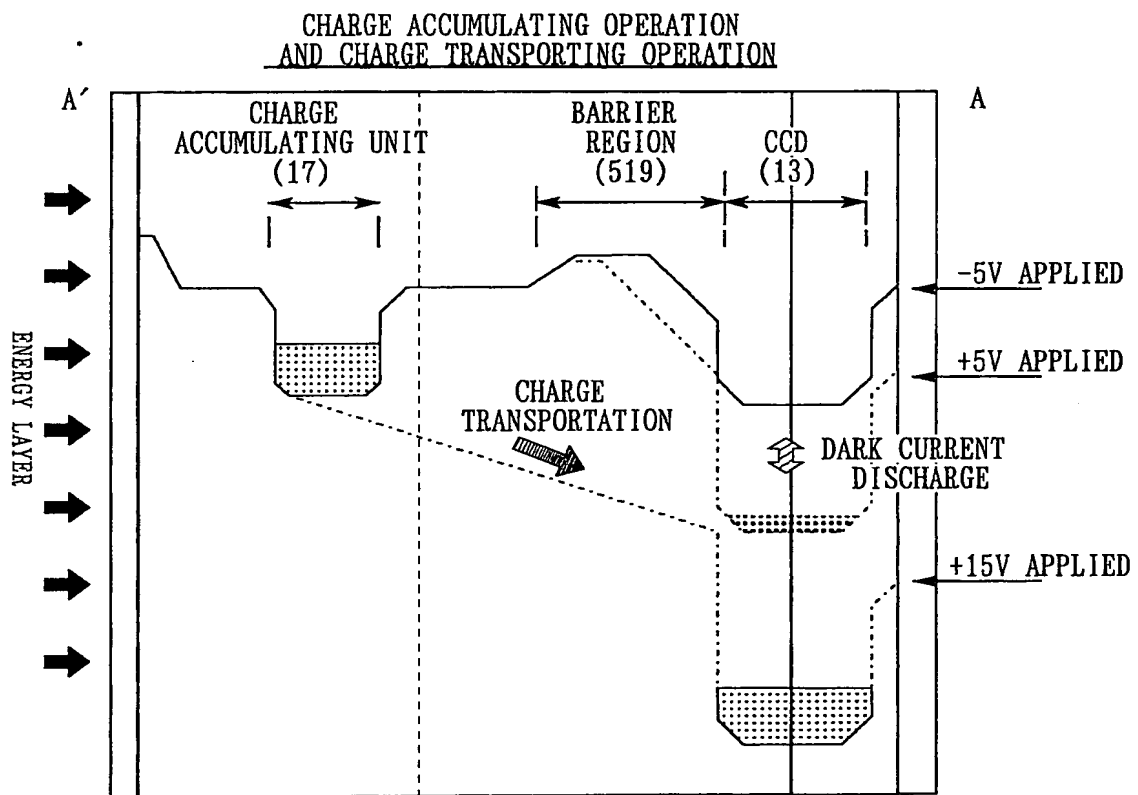


Fig. 20

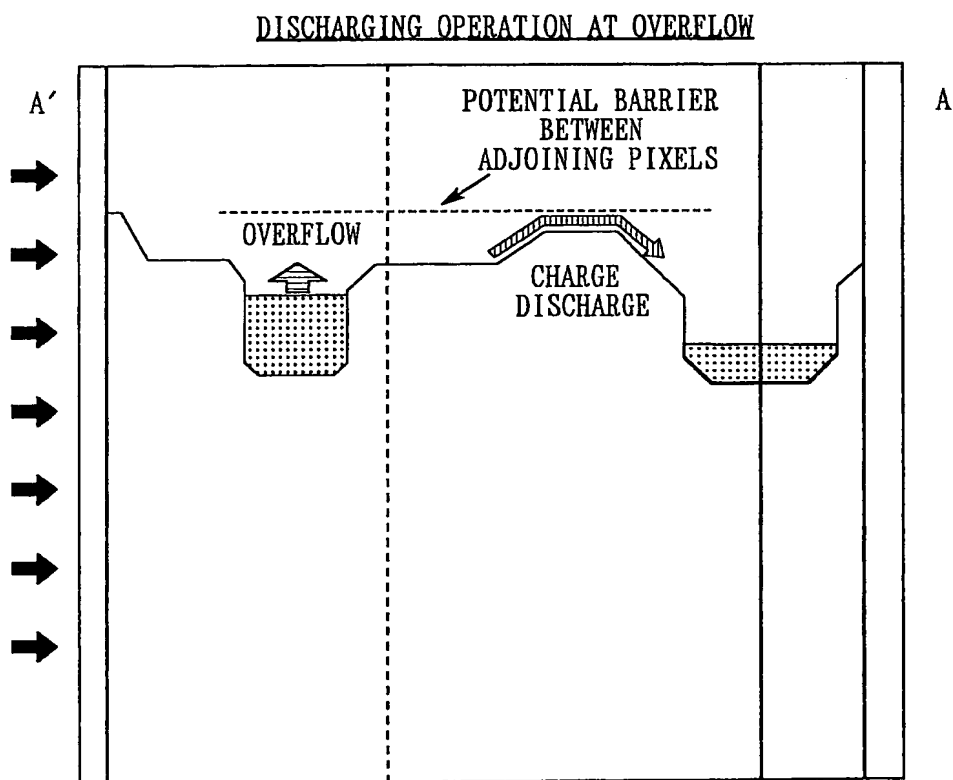


Fig. 21

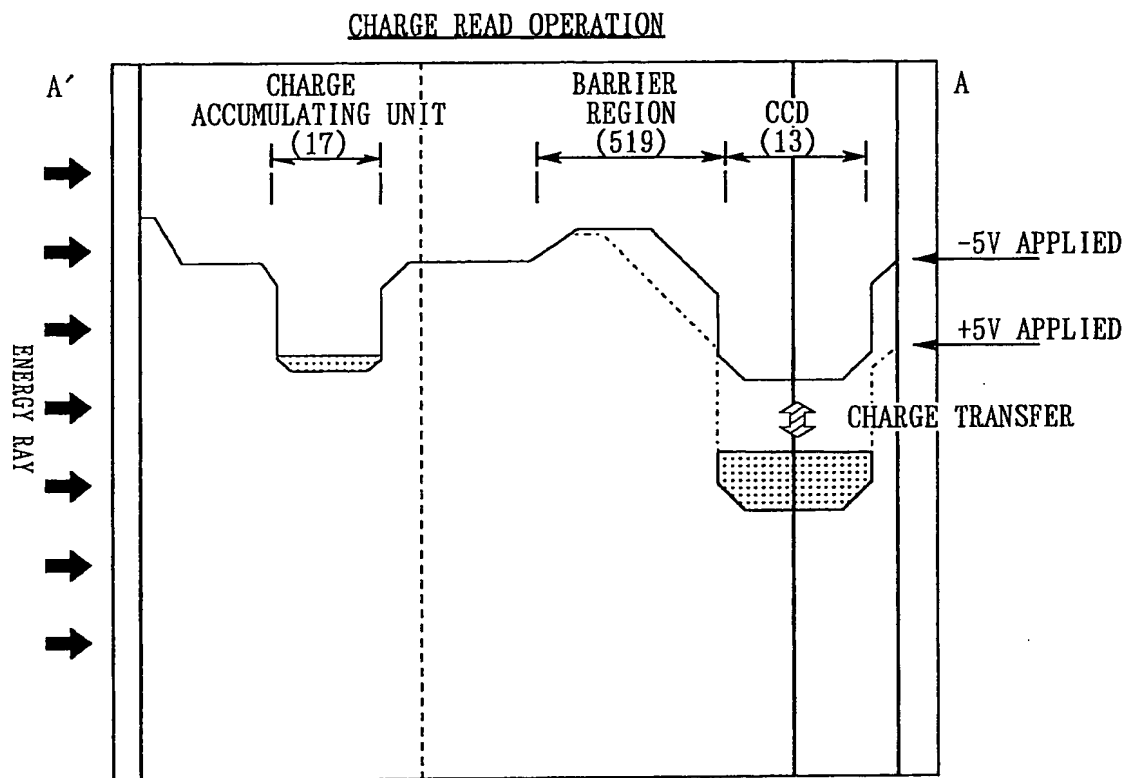


Fig. 22

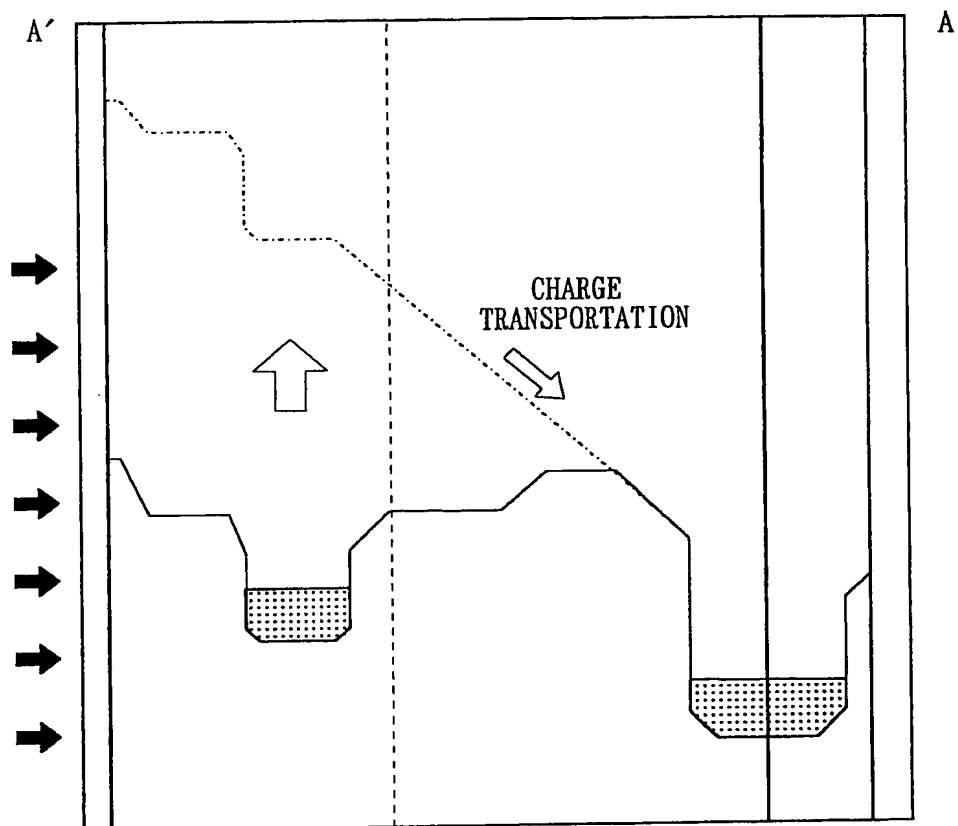


Fig. 23

551 IMAGE SENSOR

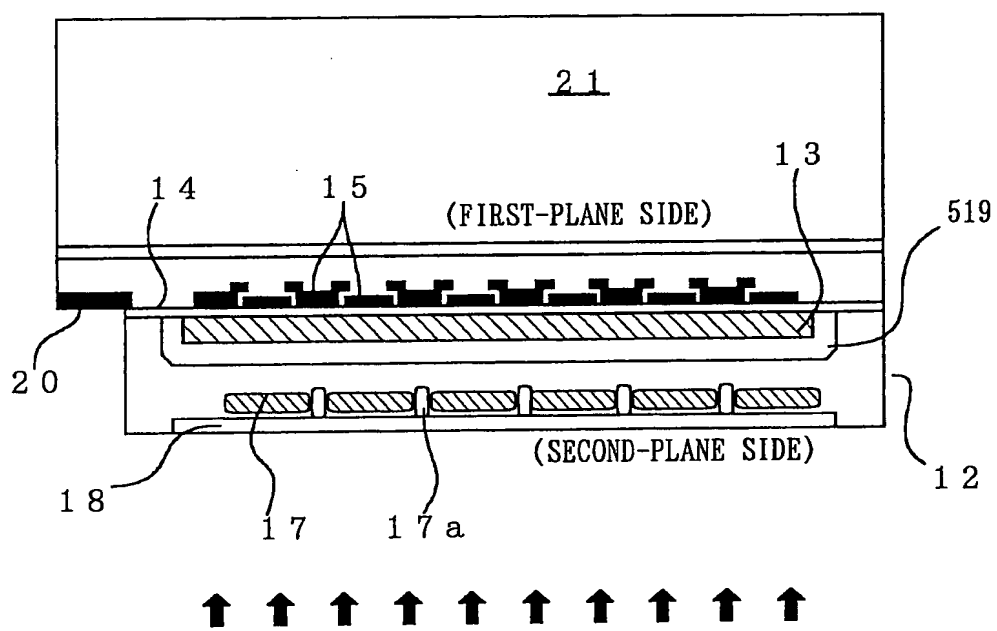


Fig. 24

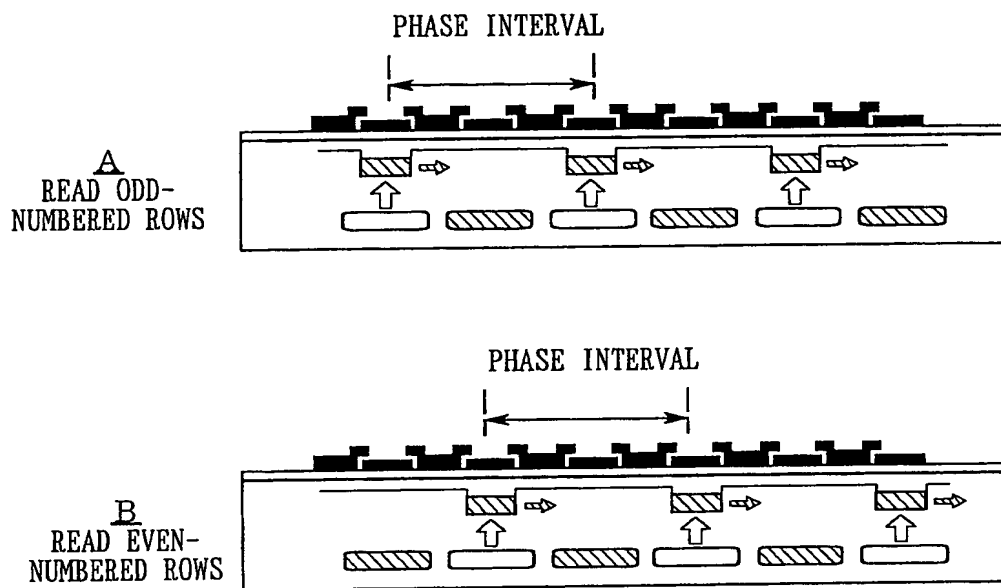


Fig. 25

552 IMAGE SENSOR

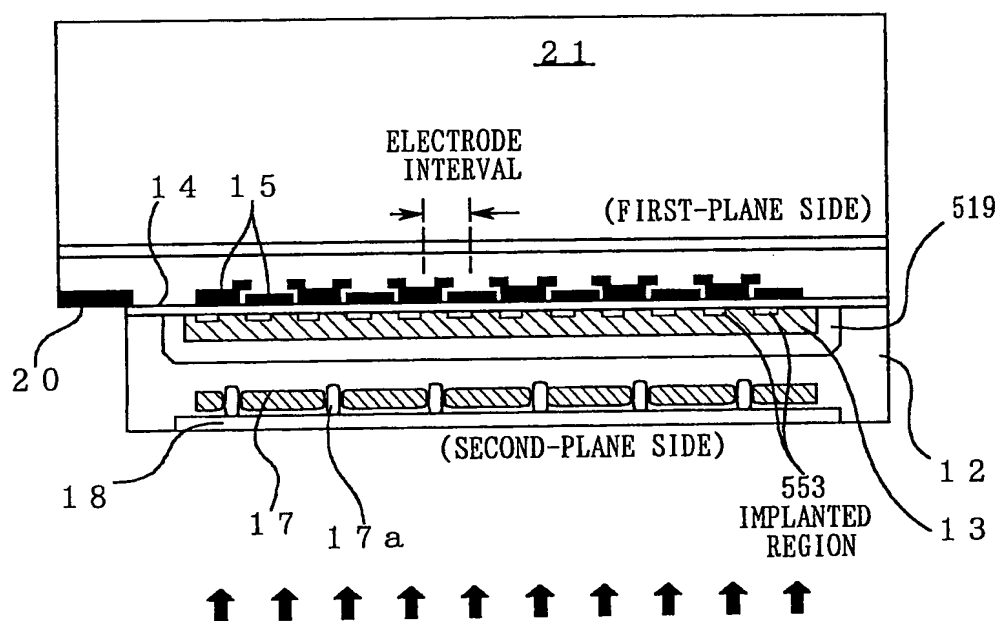


Fig. 26

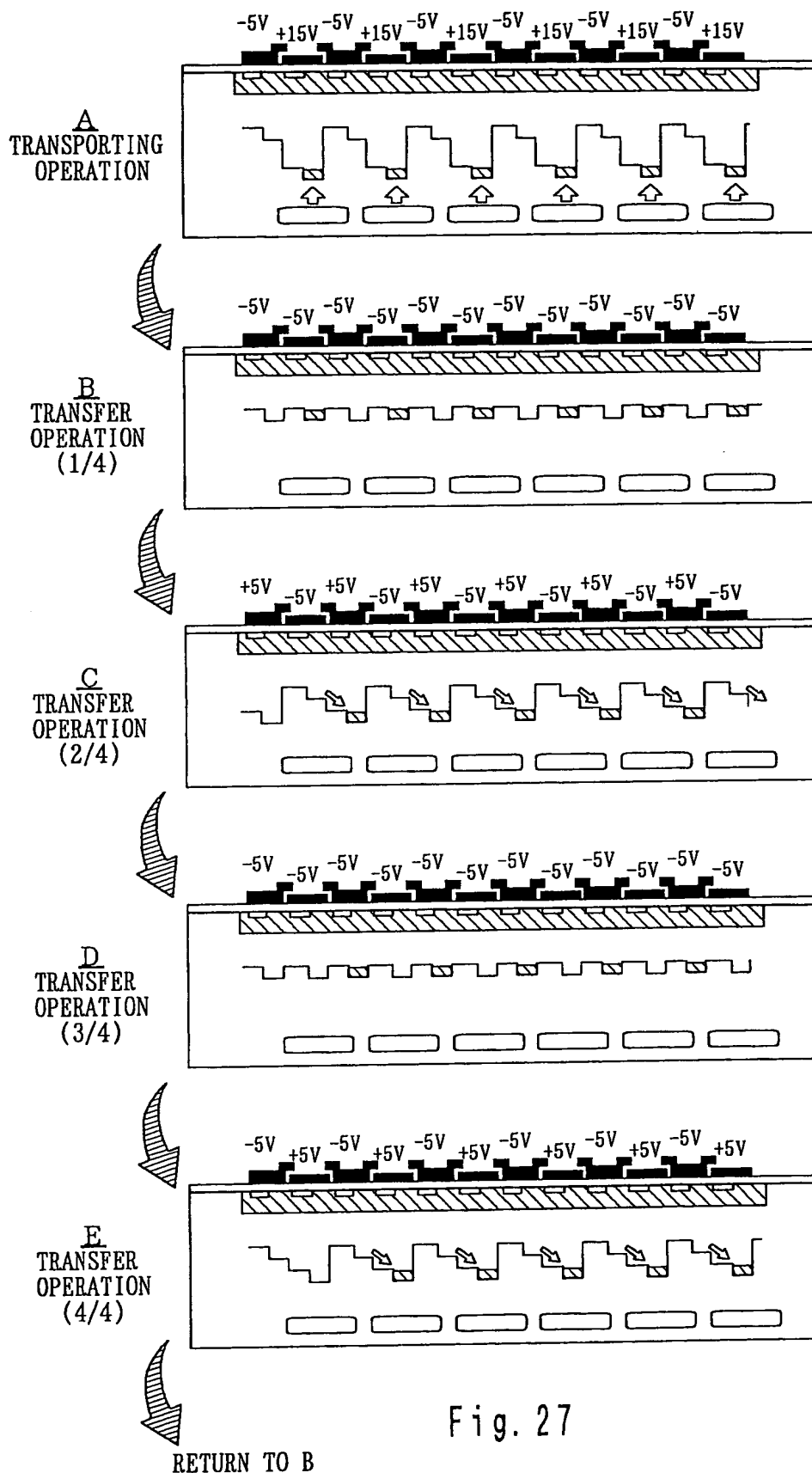


Fig. 27

6.0 EXPOSURE APPARATUS

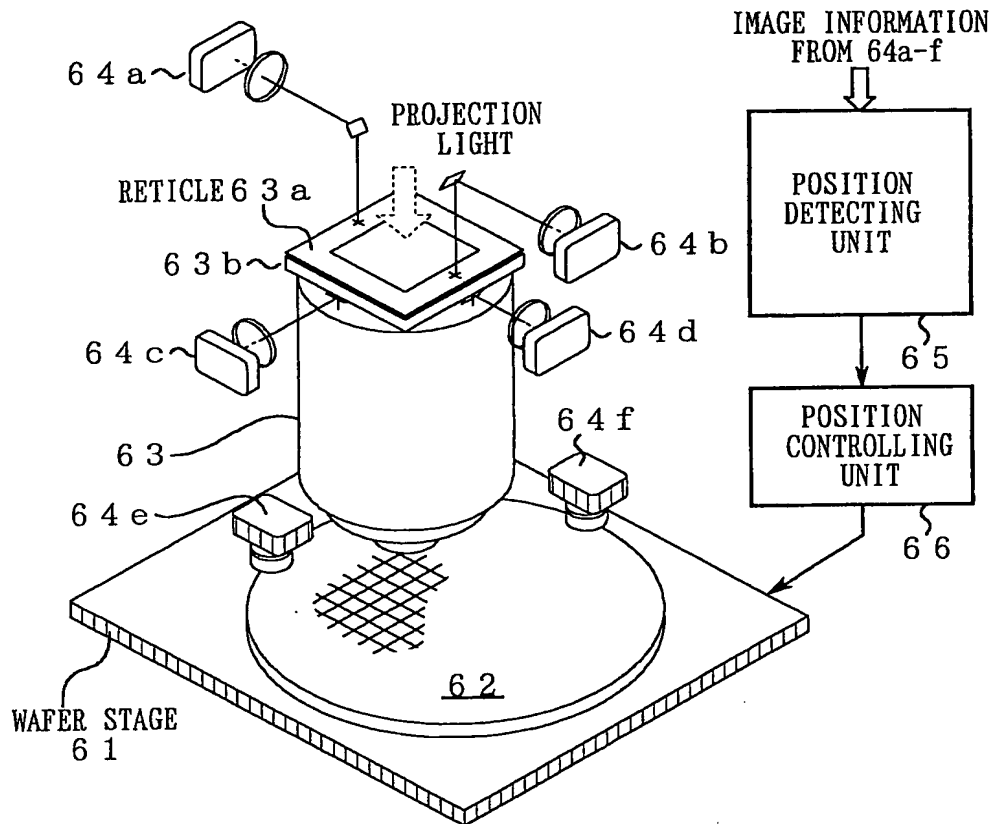


Fig. 28

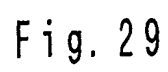


Fig. 29

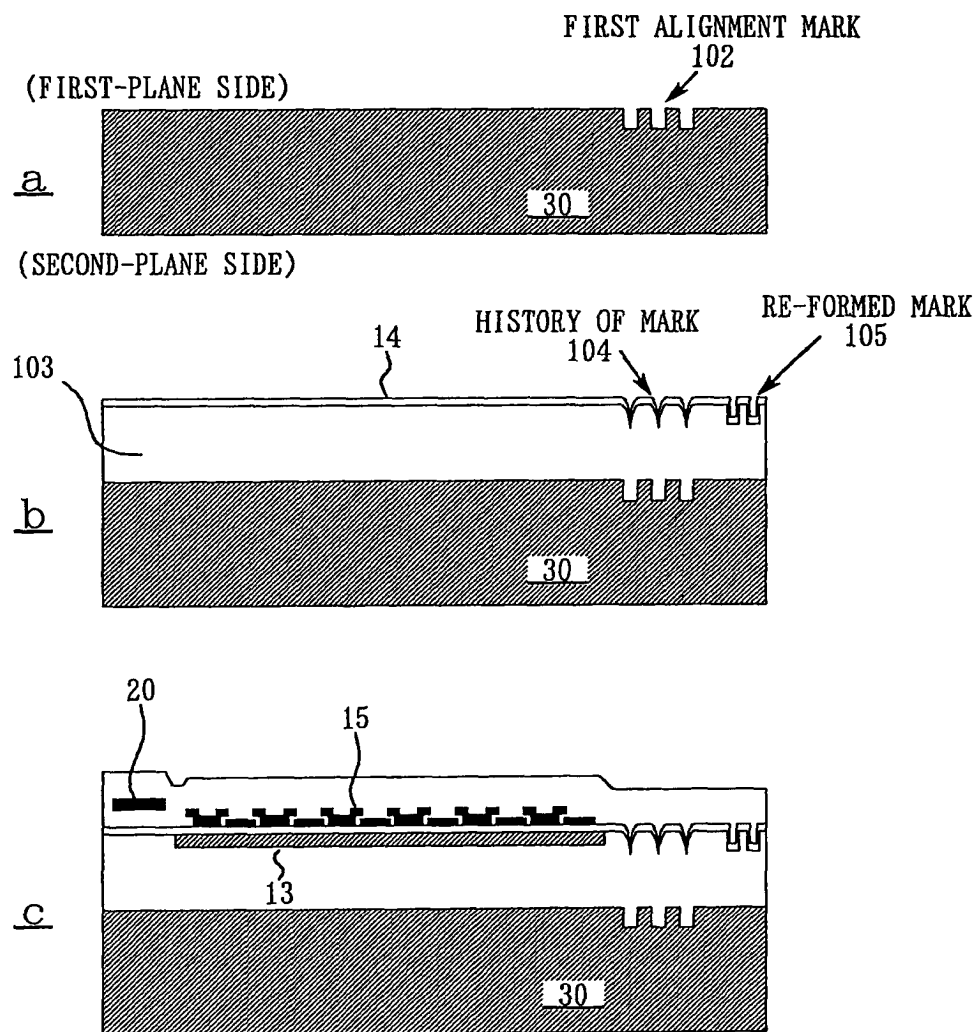


Fig. 30

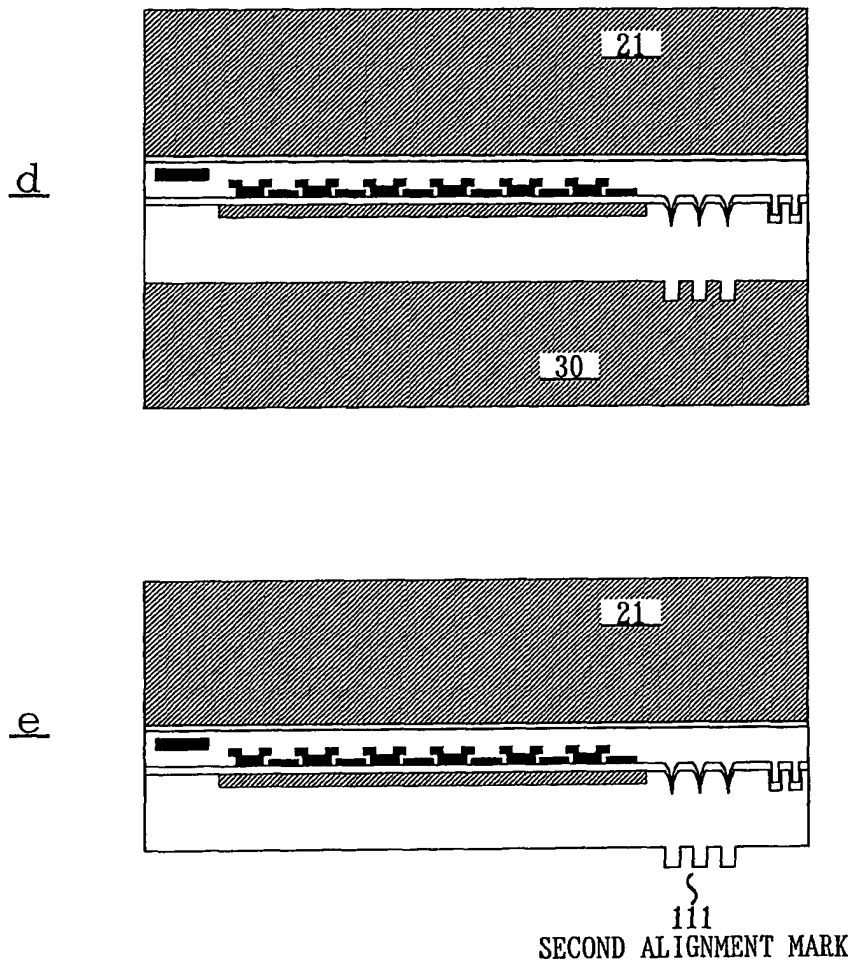


Fig. 31

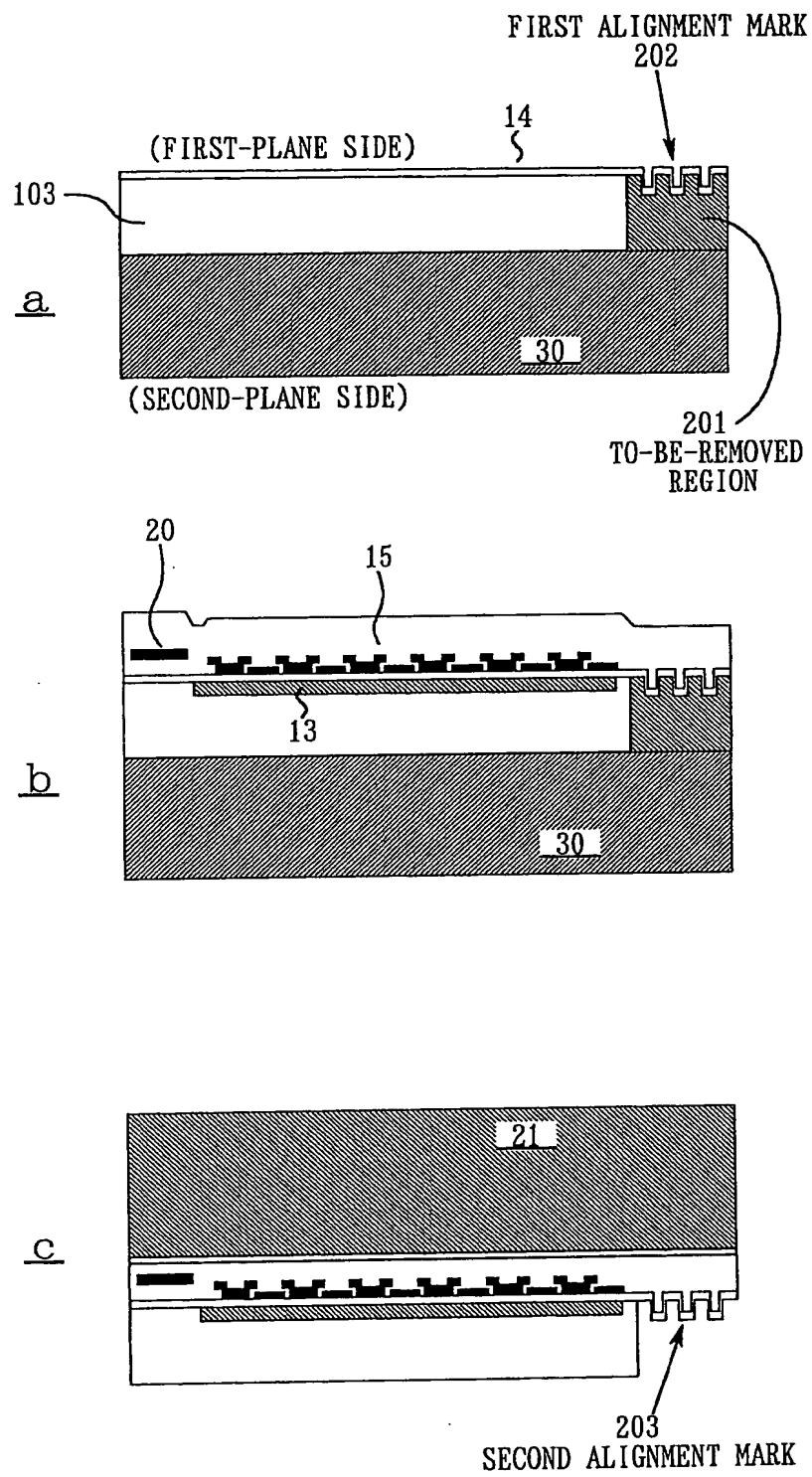


Fig. 32

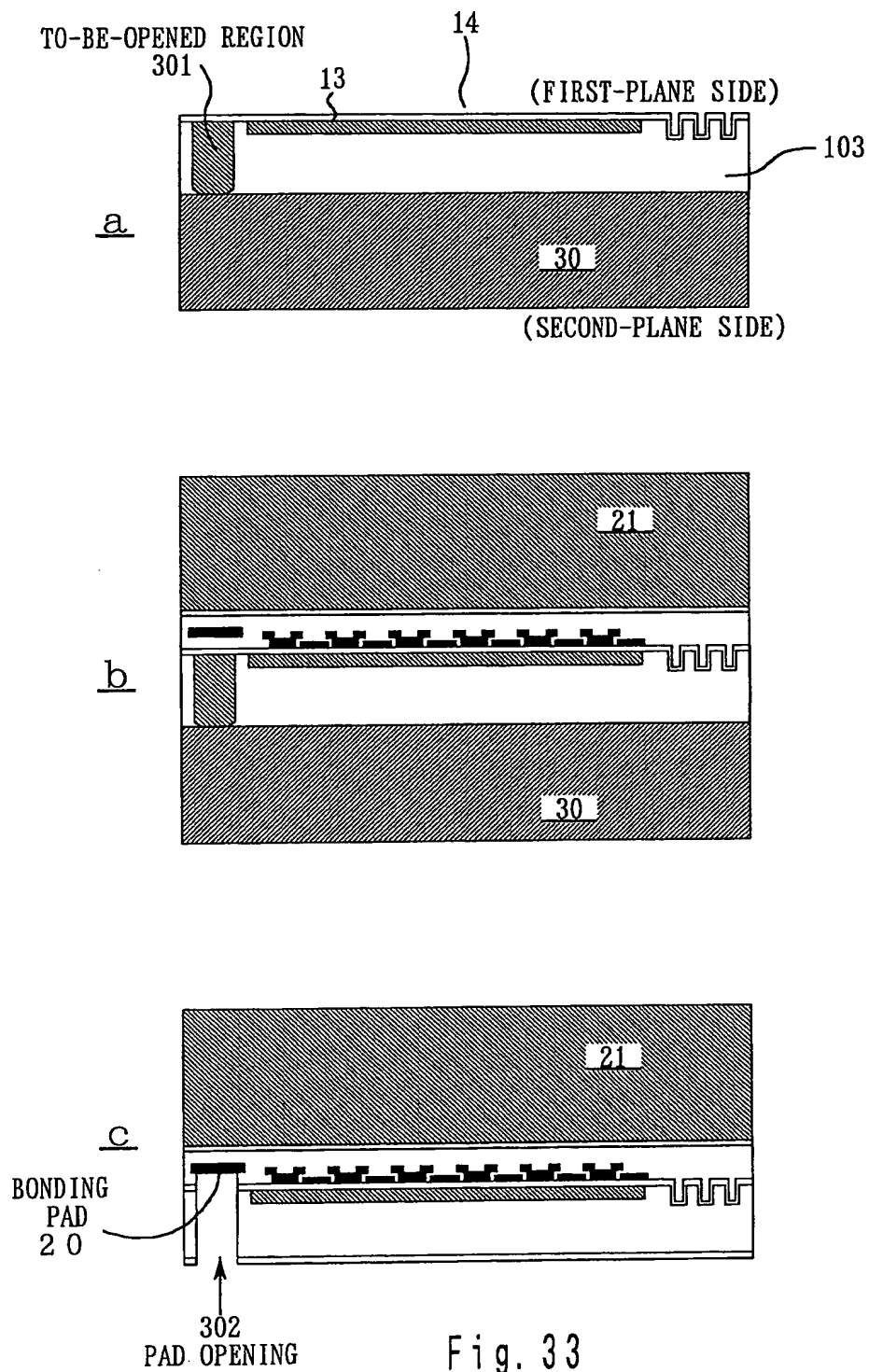


Fig. 33

8.1 IMAGE SENSOR

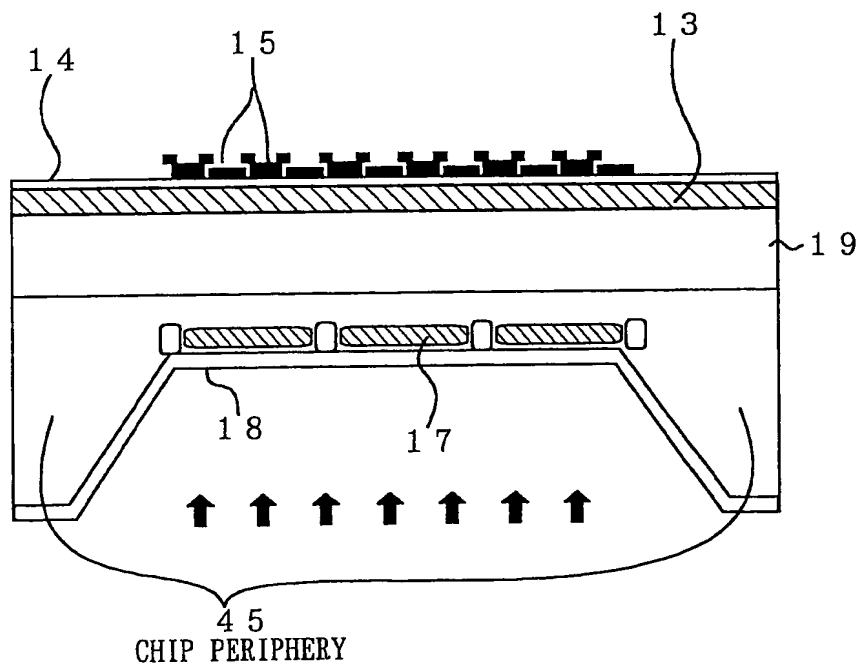


Fig. 34

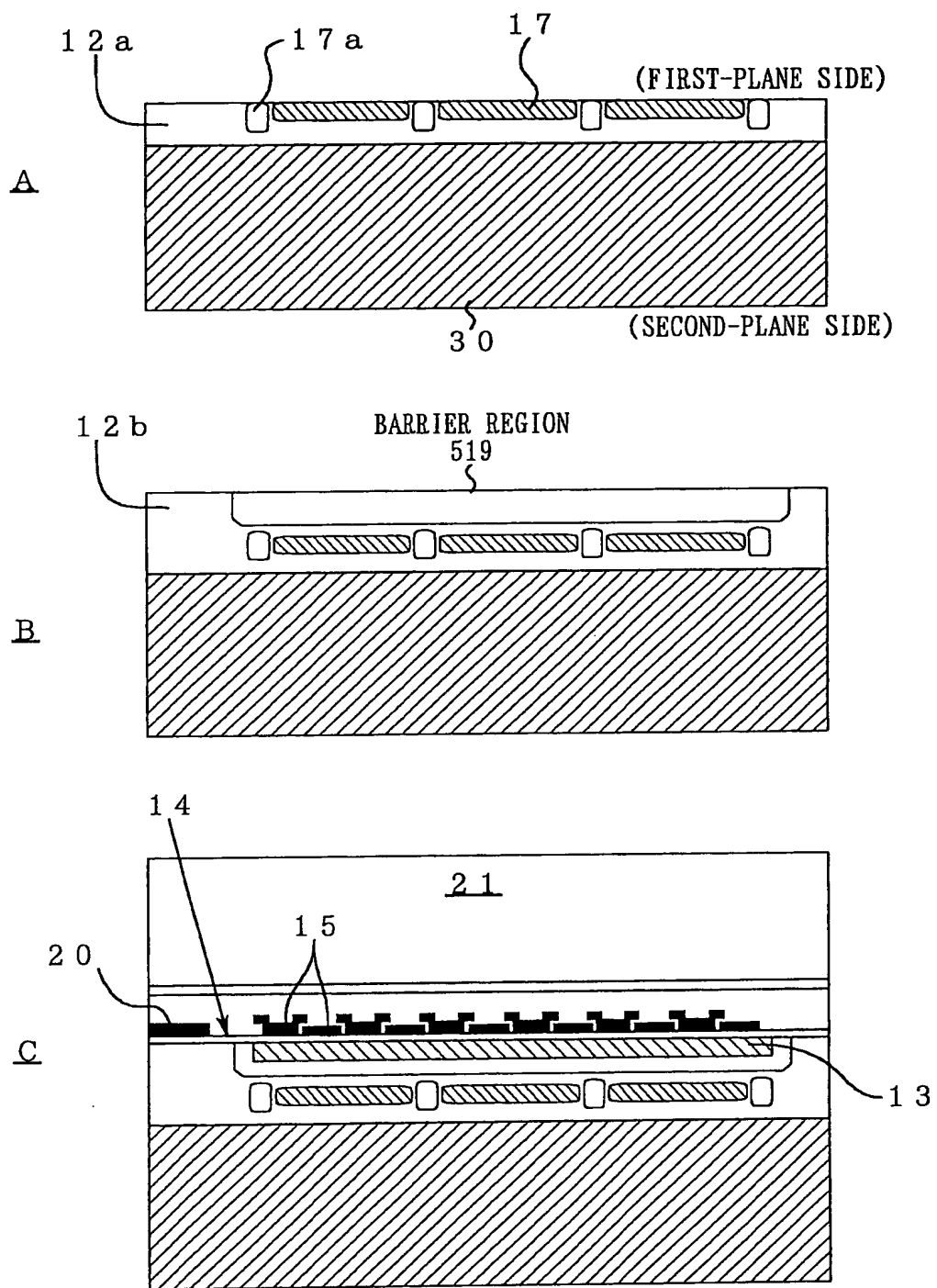


Fig. 35

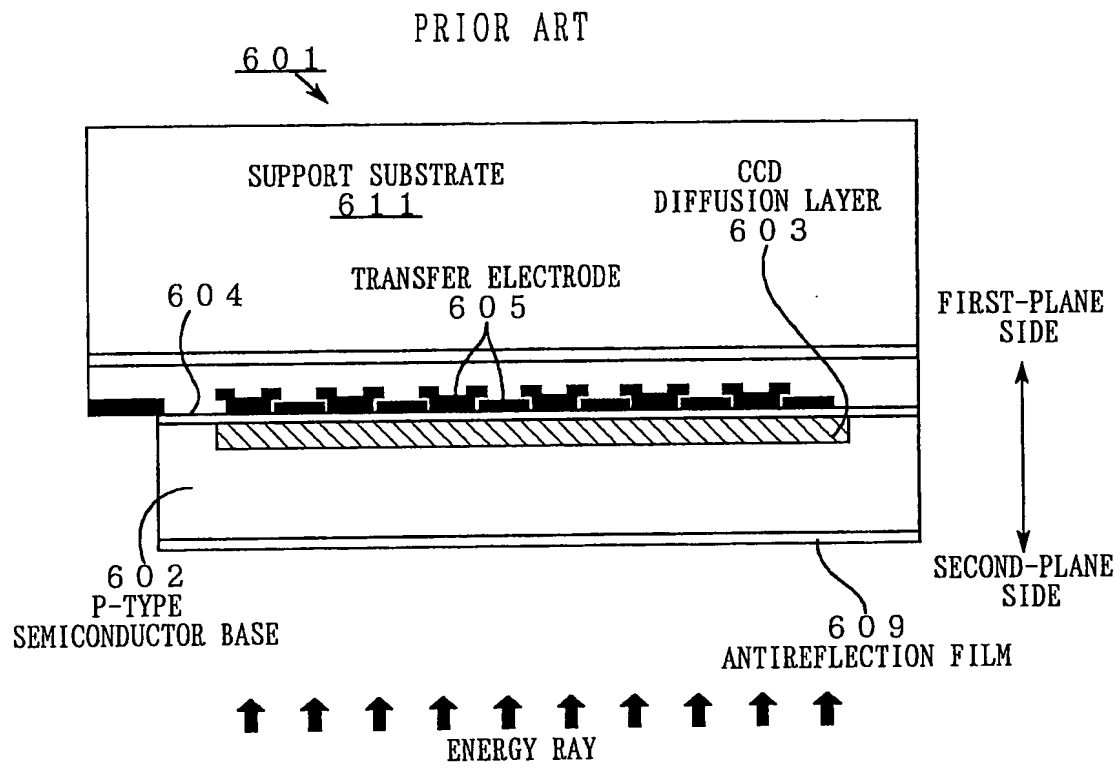


Fig. 36

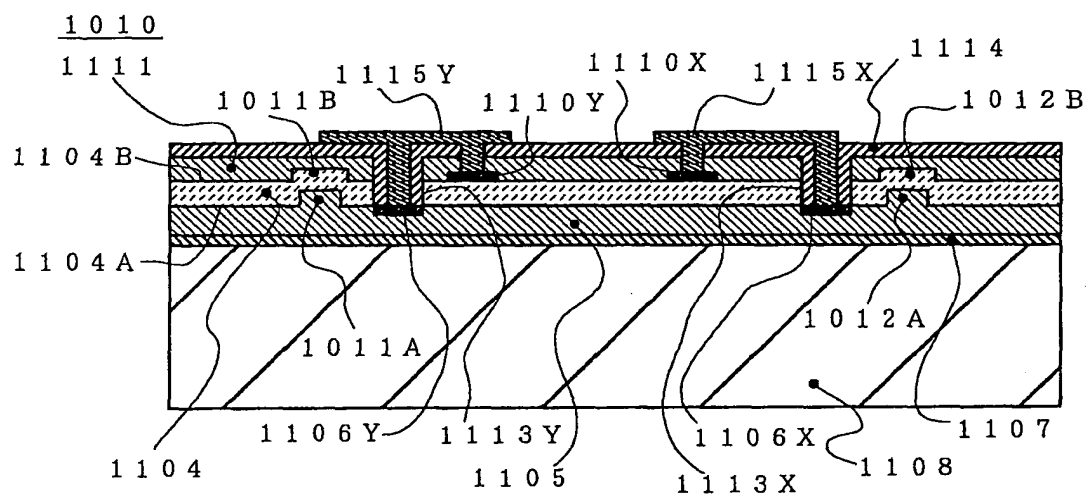


Fig. 37

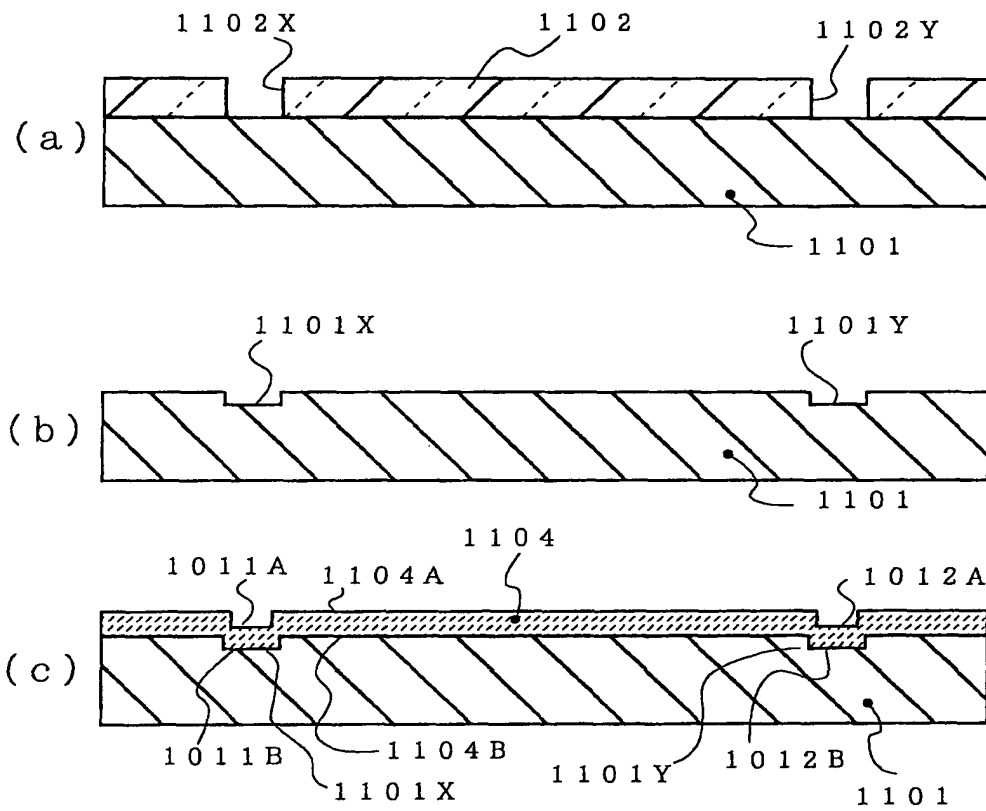


Fig. 38

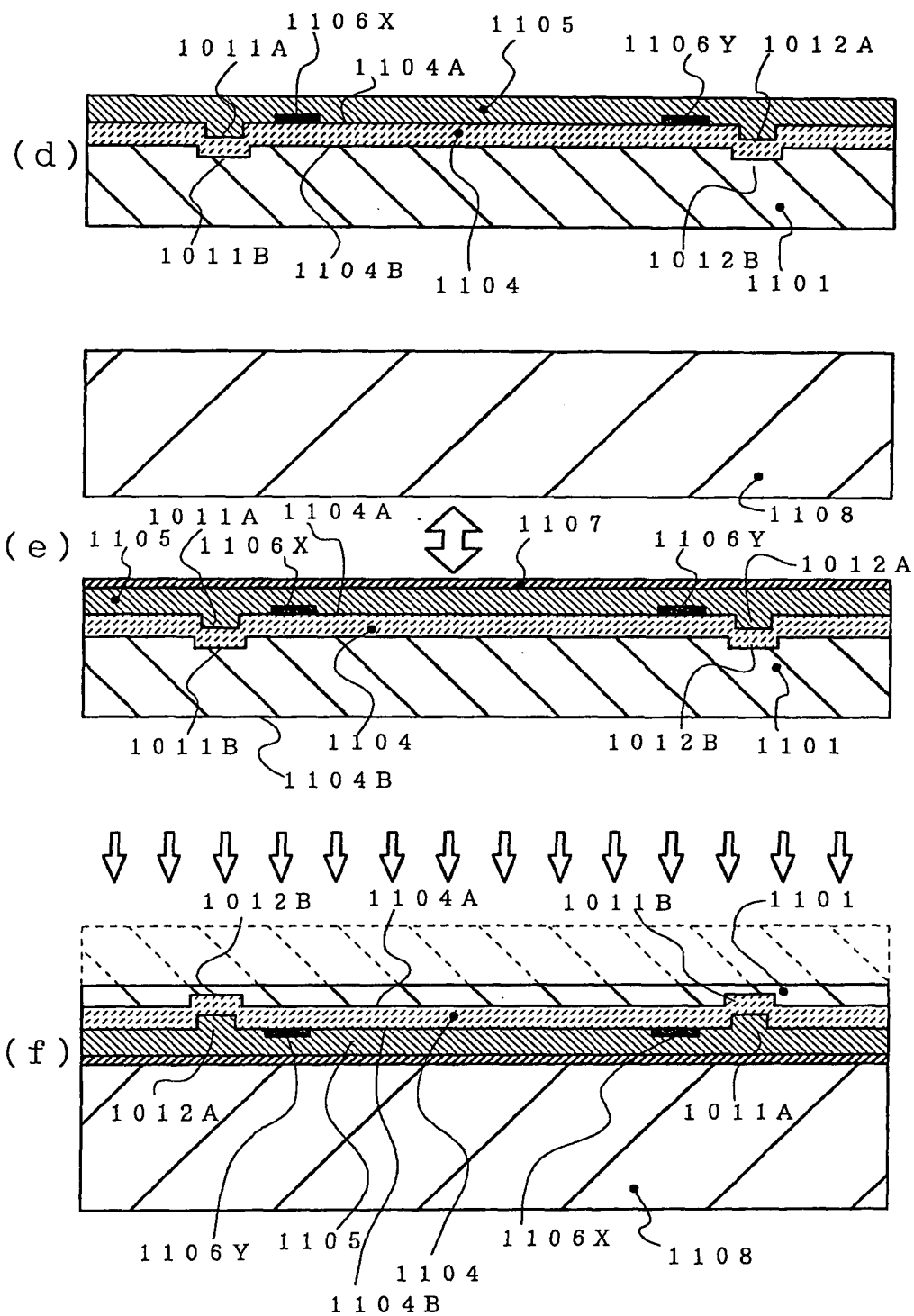


Fig. 39

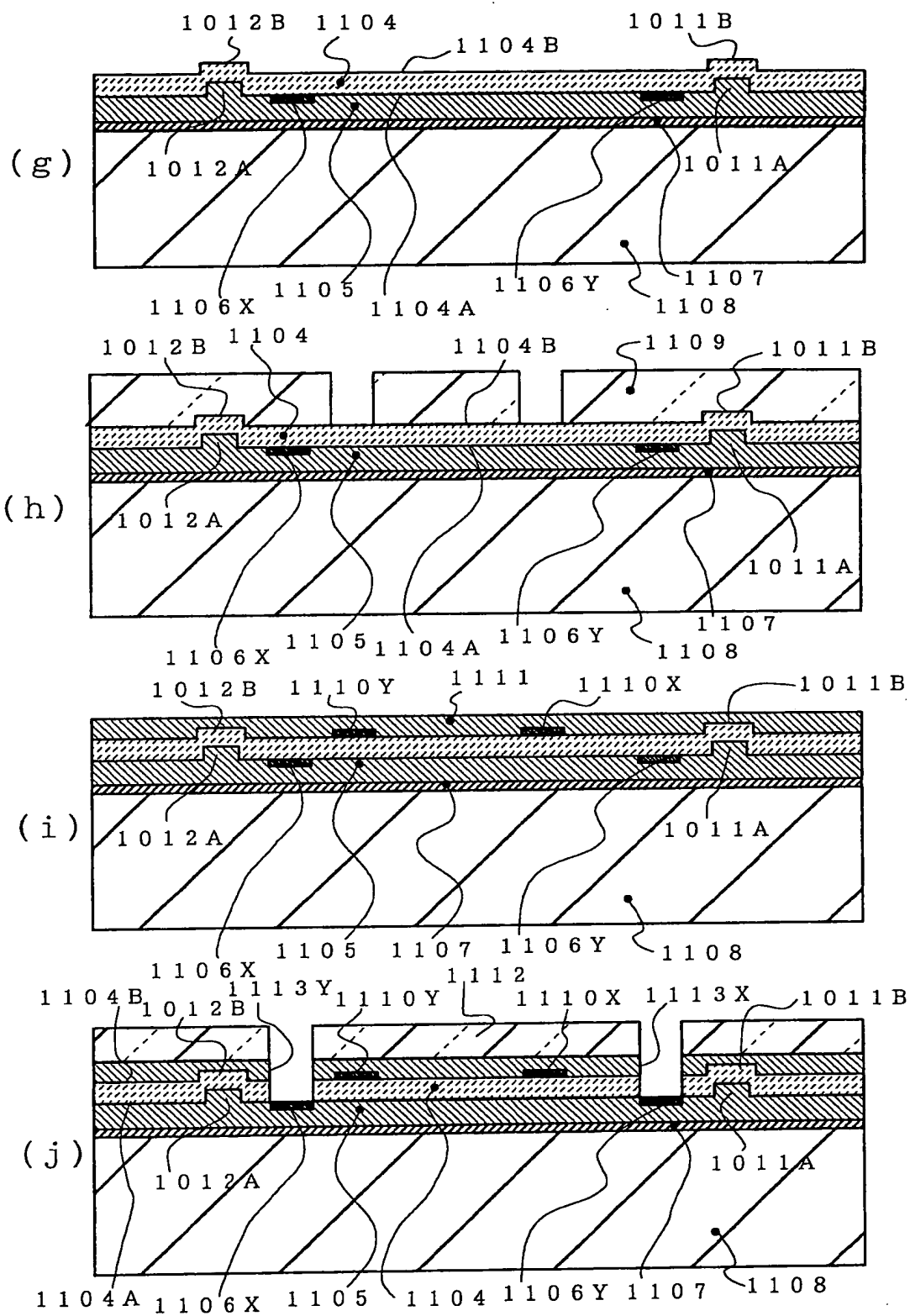


Fig. 40

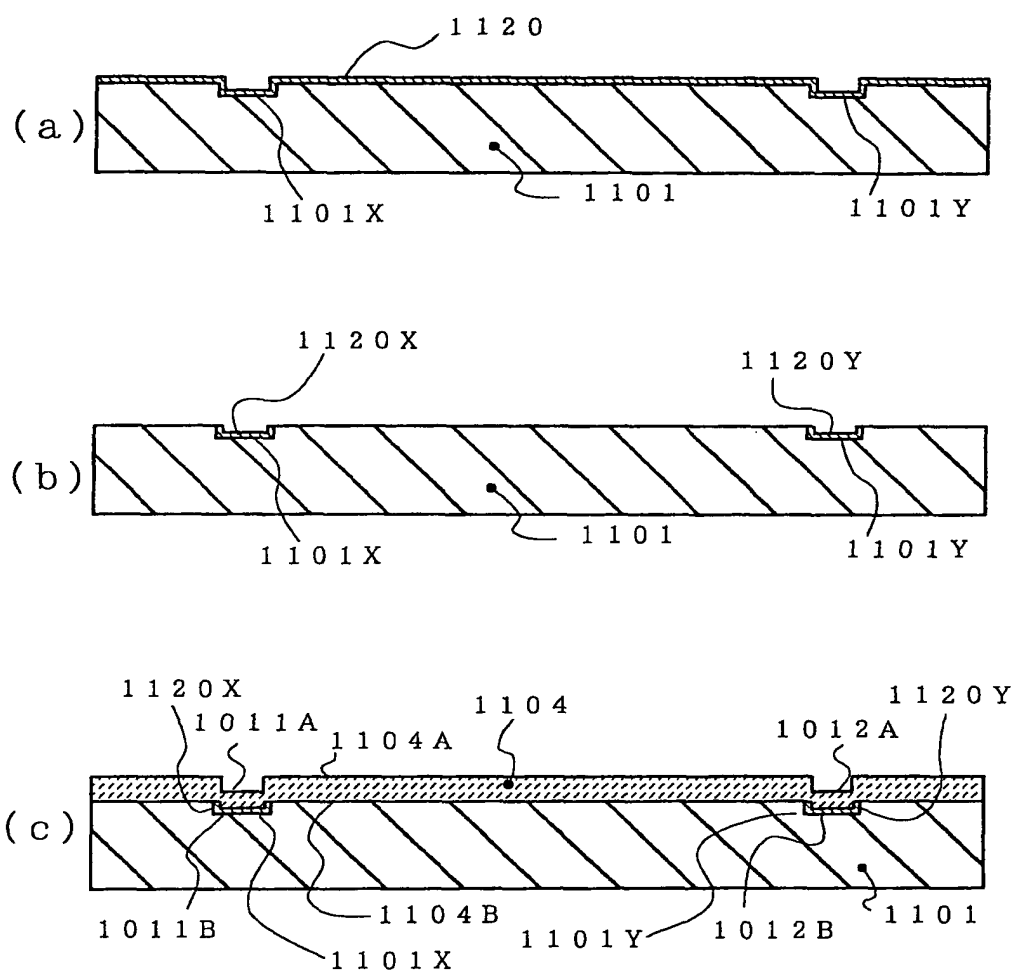


Fig. 41

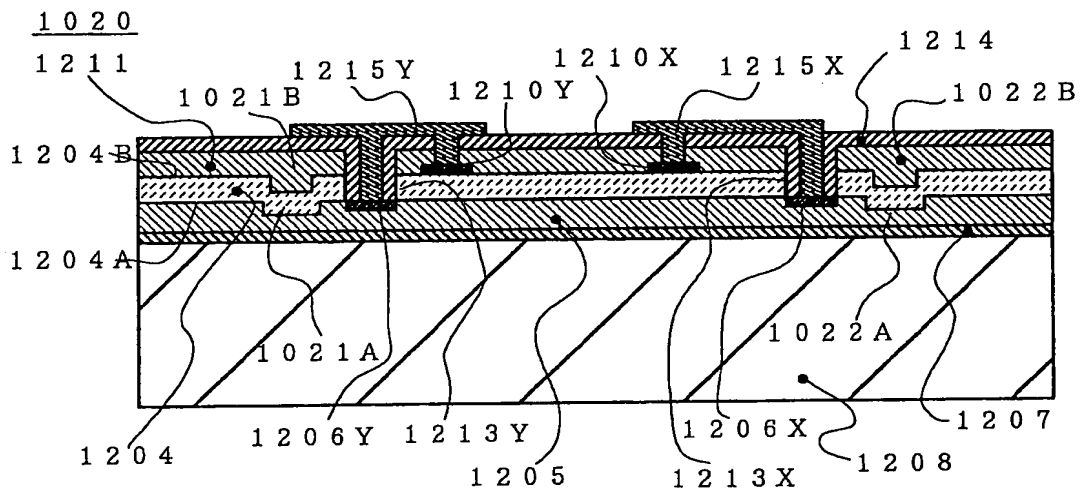


Fig. 42

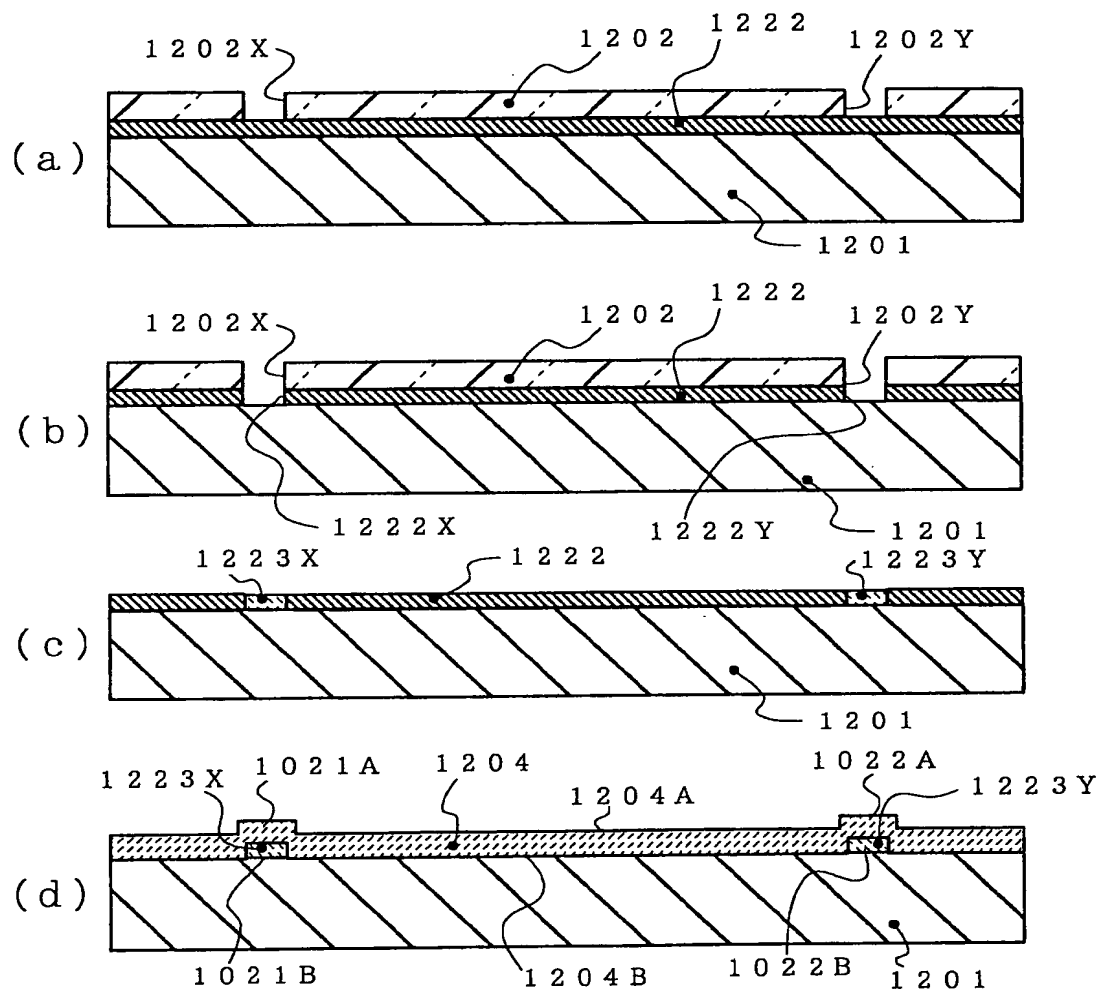


Fig. 43

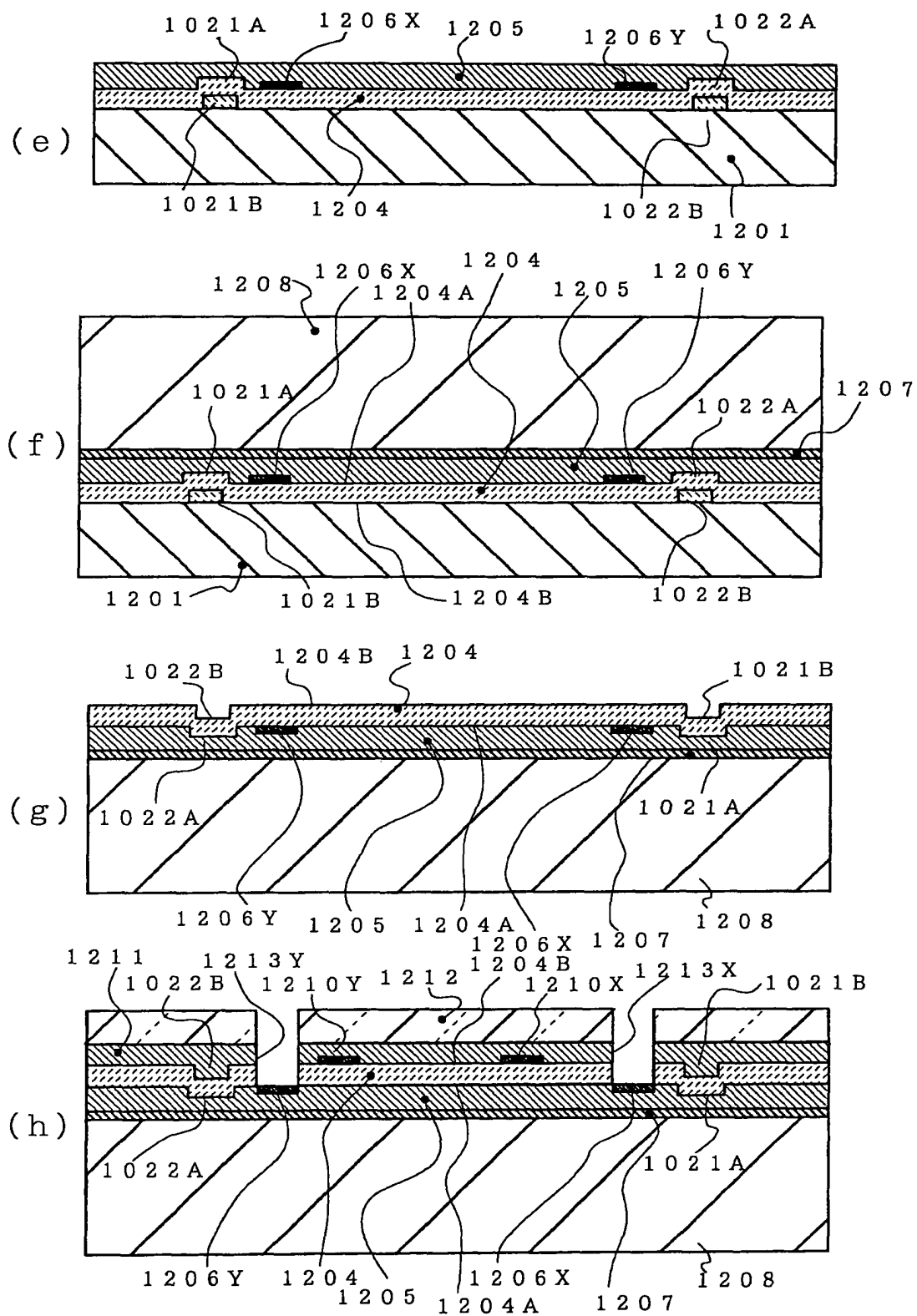


Fig. 44

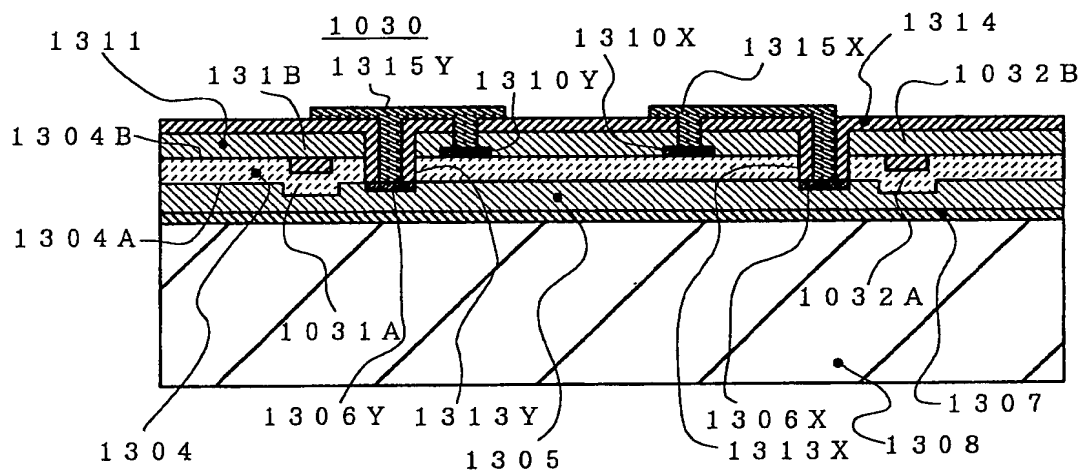


Fig. 45

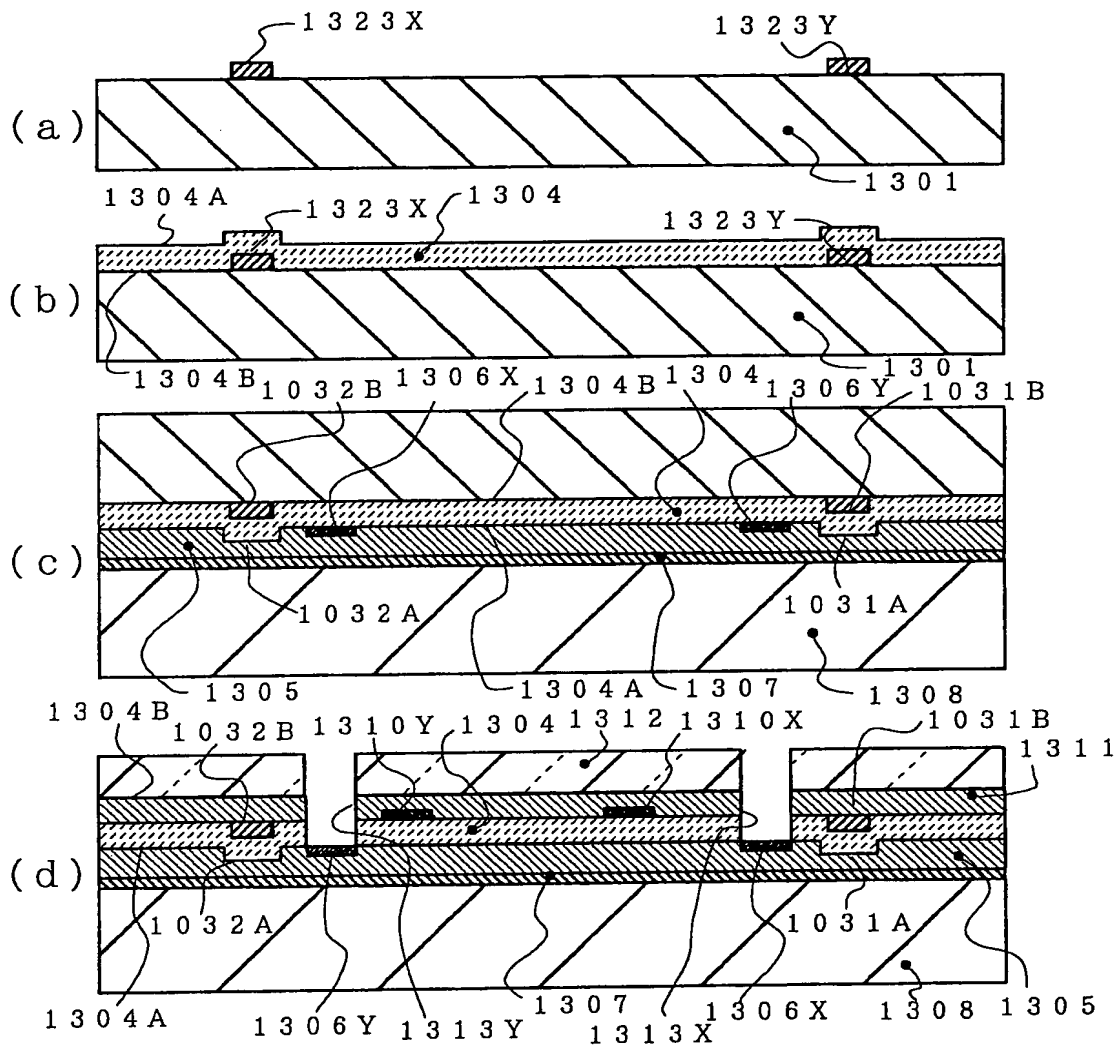


Fig. 46

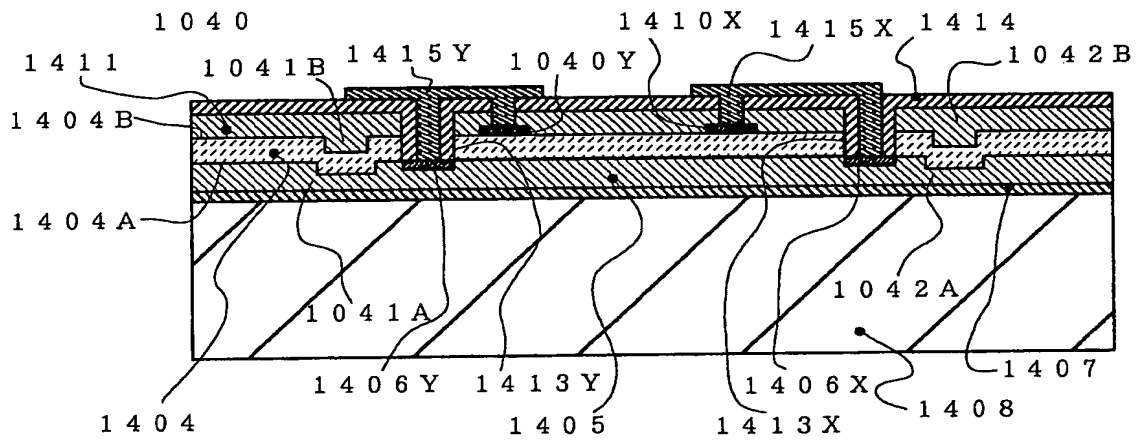


Fig. 47

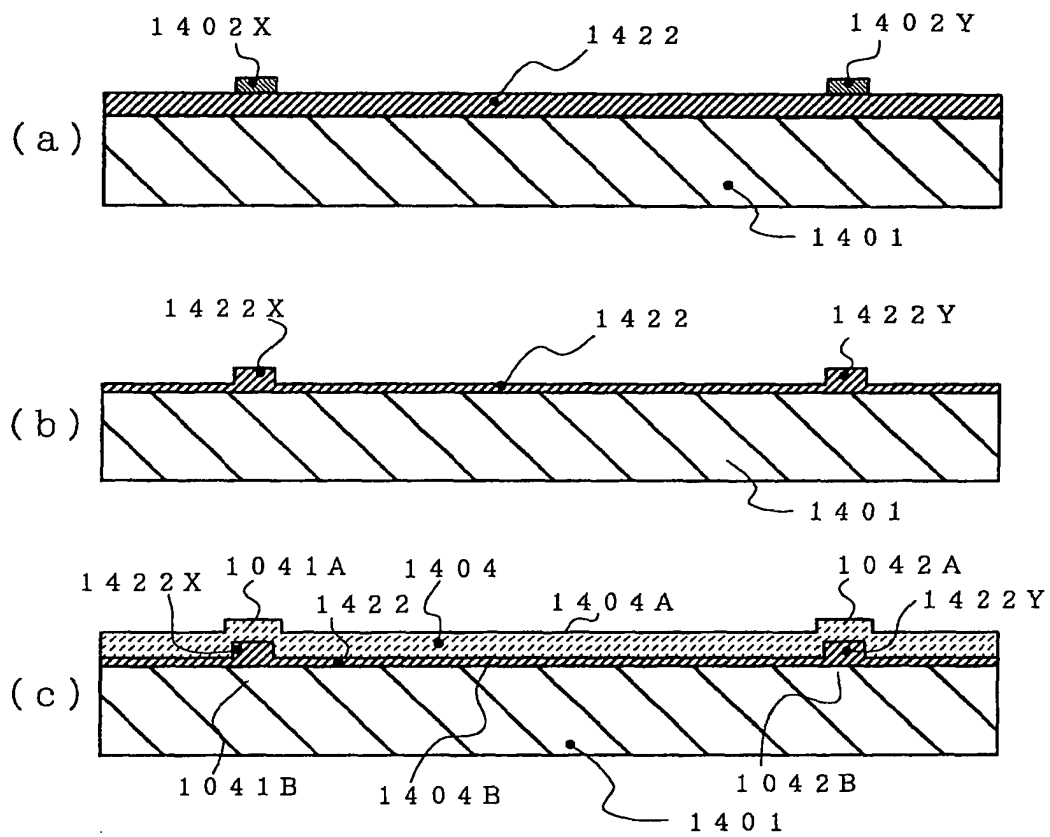


Fig. 48

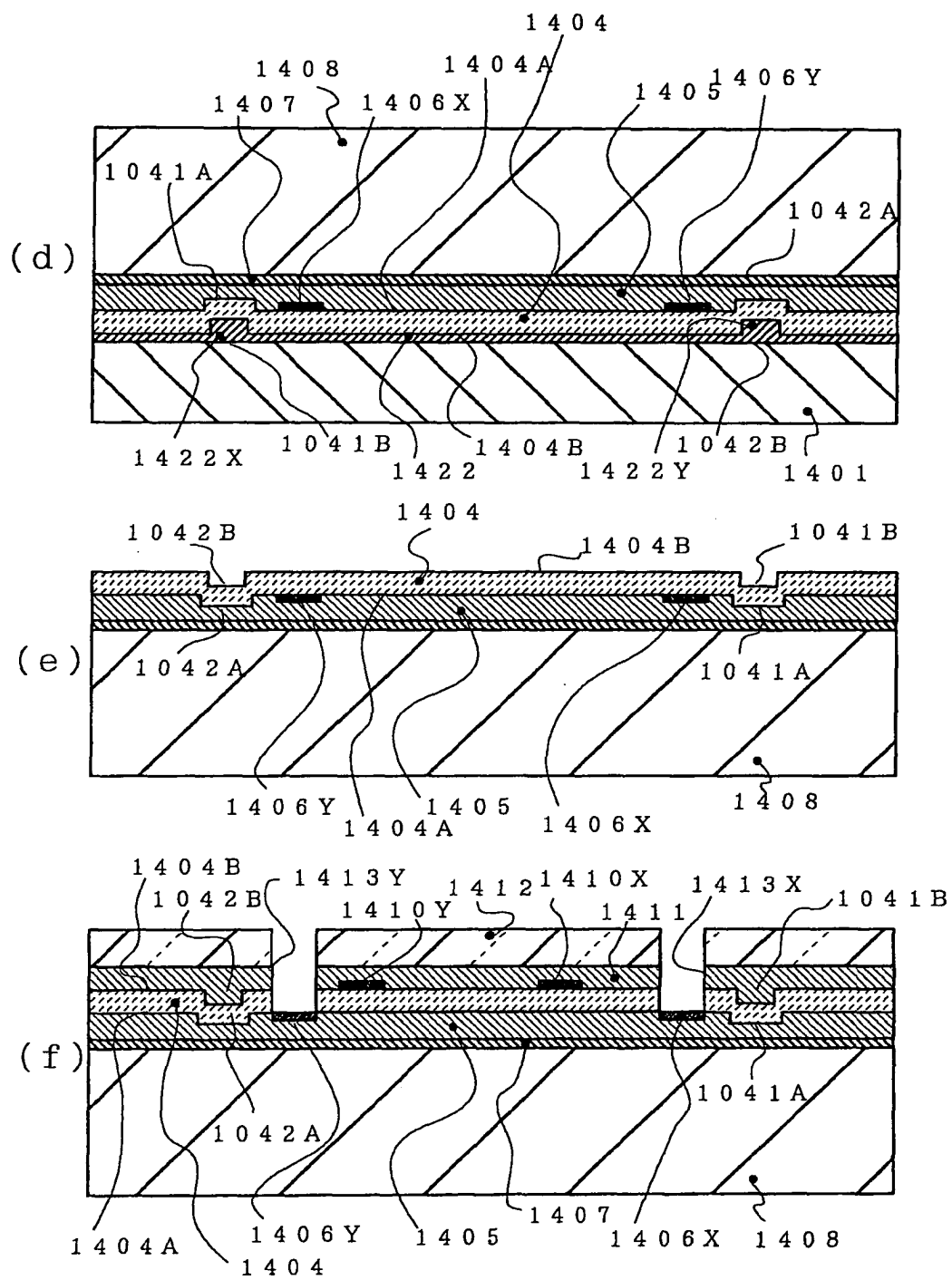


Fig. 49